



Professional Work Experience

LAKSHAY DHOUNDIYAL

Note : Click on company's name to get redirected to their website

Web Development Intern

Octanet Services Private Limited

- IT Services and IT Consulting

01/12/2023 – 01/01/2024 | [Remote]

Roles/Responsibilities

- Creating dynamic, visually appealing, end-to-end, and unique software webapps that incorporate front-end and back-end technology.
 - Developing and maintaining web applications using modern technologies and frameworks such as JavaScript, Node.js, ReactJS, HTML, CSS, MongoDB, Python, PHP and MySQL.
 - Working with databases, servers, APIs, version control systems, and third-party apps.
 - Focusing on optimizing the user experience, including page load times, smooth navigation, and mobile responsiveness.
 - Utilizing front-end frameworks like React, Angular, or Vue.js to build dynamic and interactive web applications.
 - Designing and maintaining databases like MySQL to store and manage application data. Write database queries and optimize database performance.
 - Creating RESTful or GraphQL APIs to facilitate communication between the front-end and back-end of the application.
 - Setting up and configure web servers, such as Apache, Nginx, or Express.js, to host web applications securely and efficiently.
 - Implementing caching mechanisms and optimize code and database queries for improved application performance.
 - Following best practices for web application security, including input validation, encryption, and protection against common vulnerabilities.
 - Ensuring data input is validated, sanitized, and protected against security vulnerabilities like SQL injection and cross-site scripting (XSS).
 - Using version control systems like Git to track changes, collaborate with other developers, and manage codebase efficiently.
 - Providing insights on continuous improvement and adding or remove functionality as per needs.
 - Creating strategies for continuous enhancement, performance optimization, stability, and scalability.
 - Keeping up with new development tools, frameworks, techniques, and structures.
 - Ensuring cross-platform compatibility and troubleshooting or fixing issues during the testing and production phases.
 - Developing websites which include the development of HTML/CSS and web pages based on wireframes and visual designs, and implementation of commercial & open source web technologies.
 - Developing dynamic and engaging web functionality and e-Commerce using JavaScript.
 - Testing software to ensure responsiveness & efficiency and creating security and data protection settings.
 - Building features and applications with a mobile responsive design and writing technical documentation for the same.
 - Creating clean and efficient code and maintaining software quality through continuous testing and debugging.
 - Working with a team of developers, designers, and network managers and ensuring that digital outcomes are in line with the business objectives.
 - Designing the UI/UX elements and ensuring a consistent look and feel throughout the website.
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Java Development Intern

ArcanePath Tech Solutions

- IT Services & IT Consulting Firm

15/11/2023 – 15/12/2023 | [Remote]

Roles/Responsibilities

- Writing, testing, and maintaining efficient, reusable, and reliable Java code. Contributing to the development of Java applications, modules, and features.
- Working on coding assignments, bug fixes, and feature enhancements under the guidance of experienced developers.
- Assisting in the testing and quality assurance processes by writing and executing test cases.
- Researching and experimenting with new libraries, frameworks, and tools that can improve development processes.
- Working on developing and maintaining APIs for communication between frontend and backend systems.
- Gaining an understanding of web accessibility guidelines and assist in ensuring that design concepts follow accessibility best practices.
- Supporting backend developers by working on server-side logic, database tasks, and APIs.
- Gaining an understanding of server setup and deployment processes, including server maintenance and optimization.

INTERNSHIP PROJECTS

🚦 Project-1 : Number Guessing Game

- Building a program that generates a random number and challenges the user to guess it.

🚦 Project-2 : ATM Interface

- Creating a complex project which consists of five different classes and is a console-based application. When the system starts the user is prompted user id and pin. On entering the details successfully, the ATM functionalities are unlocked.

🚦 Project-3 : Online Examination system

- Creating a Online Examination system which consists of the following Functionalities - Login, Update profile and Password, Selecting answers for MCQ's, timer and auto submit and Logout.

🚦 Project-4 : Basic File Manipulation

- Creating a program that can read and write to text files. Starting with tasks like copying the contents of one file to another or searching for specific words in a text file.

🚦 Project-4 : Basic Web Service Integration

- Creating a program to integrate with a Public RESTful API to retrieve data and display it in a user-friendly manner.
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Data Analyst Intern

ArchaeoBytes

- IT Services & IT Consulting

10/11/2023 – 10/12/2023 | [Remote]

Roles/Responsibilities

- Assisting in Data Collection from various sources, including databases, various datasets, spreadsheets, APIs, and web scraping tools.
- Cleaning and preprocessing data to ensure its accuracy, consistency, and suitability for analysis involving handling missing data, dealing with outliers, and formatting data appropriately.
- Using statistical and data analysis software, such as Excel, Python, R, or SQL, to carry out data analysis. Finding trends, patterns, and outliers in the data by using exploratory data analysis (EDA).
- Creating data visualizations, charts, and graphs to present insights effectively using Tools like Tableau, Power BI, Matplotlib, or Seaborn.
- Generating reports and dashboards summarizing key findings and insights from the data analysis. Communicating results to team members and stakeholders.
- Assisting in formulating and testing hypotheses to make data-driven decisions. Using statistical tests to validate or refute hypotheses.
- Building simple machine learning models to predict outcomes or classify data.
- Documenting data sources, methodologies, and analysis procedures. Maintaining a record of data transformations and decisions made during the analysis process.
- Using data mining techniques to discover hidden insights or patterns in large datasets.
- Writing SQL queries to extract and manipulate data from relational databases.
- Helping interpret data findings and translating them into actionable recommendations or strategies for the organization.
- Collaborating with cross-functional teams, including data engineers, business analysts, and stakeholders, to understand data requirements and deliver insights..
- Assisting in project management tasks related to data analysis, including task tracking, documentation, and progress reporting.
- Maintaining clear and effective communication with team members and stakeholders, including regular updates on the progress of data analysis tasks.
- Ensuring data integrity, security, and compliance with data governance policies and regulations.

INTERNSHIP PROJECTS

- 🚧 **Project-1** : End to End Spam Detection using Python
 - 🚧 **Project-2** : Real Time Sentiment Analysis using Python
 - 🚧 **Project-3** : Social Media Ads Classification using Python
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Data Analyst Intern

Psyliq

- IT System Services & Evaluation

05/11/2023 – 05/12/2023 | [Remote]

Roles/Responsibilities

- Assisting in Data Collection from various sources, including databases, various datasets, spreadsheets, APIs, and web scraping tools.
- Cleaning and preprocessing data to ensure its accuracy, consistency, and suitability for analysis involving handling missing data, dealing with outliers, and formatting data appropriately.
- Using statistical and data analysis software, such as Excel, Python, R, or SQL, to carry out data analysis. Finding trends, patterns, and outliers in the data by using exploratory data analysis (EDA).
- Creating data visualizations, charts, and graphs to present insights effectively using Tools like Tableau, Power BI, Matplotlib, or Seaborn.
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- Building simple machine learning models to predict outcomes or classify data.
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- Using data mining techniques to discover hidden insights or patterns in large datasets.
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- Maintaining clear and effective communication with team members and stakeholders, including regular updates on the progress of data analysis tasks.
- Ensuring data integrity, security, and compliance with data governance policies and regulations.

INTERNSHIP PROJECTS

- ✚ **Project-1** : Sales Data Analysis
 - ✚ **Project-2** : Diabetes Patient Analysis
 - ✚ **Project-3** : HR Analytics
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Web Development Intern

Cognifyz Technologies

- IT System Data Services

23/10/2023 – 23/11/2023 | [Remote]

Roles/Responsibilities

- Working closely with senior designers to assist in creating website or web application visual designs, including layout, color schemes, typography, and imagery.
- Assisting in translating design concepts into responsive user interfaces, using tools like Adobe XD, Sketch, Figma, or Photoshop.
- Collaborating on the creation of wireframes and prototypes to outline the structure and functionality of web pages.
- Ensuring that web applications work consistently across different web browsers Chrome, Firefox, Safari, Edge, by testing and debugging code accordingly.
- Assisting in developing layout concepts, selecting typography, and choosing color schemes.
- Working on developing and maintaining APIs for communication between frontend and backend systems.
- Working with experienced developers to implement the user interface (UI) based on design concepts using HTML, CSS, and JavaScript.
- Gaining an understanding of web accessibility guidelines and assist in ensuring that design concepts follow accessibility best practices.
- Supporting backend developers by working on server-side logic, database tasks, and APIs..
- Gaining an understanding of server setup and deployment processes, including server maintenance and optimization.
- Building reusable code and libraries for future use.
- Collaborating closely with backend developers, designers, and other team members to ensure a cohesive user experience.
- Performing thorough testing of web pages and applications to identify and fix issues, including cross-browser compatibility and usability problems.
- Maintaining documentation for frontend code, including code comments, usage guidelines, and style guides to ensure consistency within the team.
- Keeping libraries, frameworks, and dependencies up to date to ensure security and compatibility with the latest web standards.

INTERNSHIP PROJECTS

🚦 **Level-1 Projects :** 1. Contact Form | 2. Calculator | 3. Landing Webpage

🚦 **Level-2 Projects :** 1. Card Component | 2. Image Gallery | 3. Mobile Navigation Menu

🚦 **Level-3 Projects :** 1. Image Manipulation | 2. Companies Landing Page

Web Development Intern

Unified Mentor Private Limited

- IT Services and IT Consulting

20/10/2023 – 20/12/2023 | [Remote]

Roles/Responsibilities

- Creating dynamic, visually appealing, end-to-end, and unique software webapps that incorporate front-end and back-end technology.
- Developing and maintaining web applications using modern technologies and frameworks such as JavaScript, Node.js, ReactJS, HTML, CSS, MongoDB, Python, PHP and MySQL.
- Working with databases, servers, APIs, version control systems, and third-party apps.
- Providing insights on continuous improvement and adding or remove functionality as per needs.
- Creating strategies for continuous enhancement, performance optimization, stability, and scalability.
- Keeping up with new development tools, frameworks, techniques, and structures.
- Ensuring cross-platform compatibility and troubleshooting or fixing issues during the testing and production phases.
- Developing websites which include the development of HTML/CSS and web pages based on wireframes and visual designs, and implementation of commercial & open source web technologies.
- Developing dynamic and engaging web functionality and e-Commerce using JavaScript.
- Testing software to ensure responsiveness & efficiency and creating security and data protection settings.
- Building features and applications with a mobile responsive design and writing technical documentation for the same.
- Creating clean and efficient code and maintaining software quality through continuous testing and debugging.
- Working with a team of developers, designers, and network managers and ensuring that digital outcomes are in line with the business objectives.
- Integrating & collaborating with other departments to ensure the development of robust project pipeline.
- Designing the UI/UX elements and ensuring a consistent look and feel throughout the website.

INTERNSHIP PROJECTS

Project-1 : Online Bike Renting Website

- Creating a complete Bike Renting website with database that helps users to rent bikes on daily basis. Users should register themselves as renters and can take any bike available on the website. The biker has to upload license proof to take the bike with them.

Project-2 : Job Portal Website

- A Complete Job portal full-stack website i.e an online platform that connects job seekers with employers, offering a user-friendly interface for job-search, resume submission and job application management.
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Cyber Security Intern

Code Alpha

- Software Development Firm

01/11/2023 – 01/12/2023 | [Remote]

Roles/Responsibilities

- Assisting in monitoring security systems and network traffic for suspicious activities.
- Helping analyze security alerts and incidents to determine their significance.
- Assisting in conducting vulnerability assessments and penetration tests on network and software systems.
- Documenting and reporting vulnerabilities to the security team.
- Contributing to the development, review, and documentation of security policies and procedures.
- Assisting in enforcing security policies and standards across the organization.
- Supporting in responding to security incidents by following predefined incident response plans.
- Gaining experience with security tools and technologies such as intrusion detection systems, firewalls, and SIEM (Security Information and Event Management) solutions.
- Participating in network security activities, including firewall management, network segmentation, and traffic analysis.
- Helping manage user access control, including user account creation, modification, and termination.
- Maintaining records of security incidents, procedures, and security configurations.
- Creating and updating security documentation and reports.
- Evaluating and testing new security tools, technologies, and solutions for potential adoption.
- Participating in risk assessments and assist in developing strategies to mitigate security risks.
- Collaborating with IT teams and other departments to address security concerns and provide guidance on security matters.
- Preparing and presenting reports on security metrics, incidents, and ongoing projects to the security team and managements.
- Identifying opportunities for improving security policies, procedures, and practices and suggest enhancements.

INTERNSHIP PROJECTS

- 🚩 **Project-2** : Email Analysis, Identifying red flags
 - 🚩 **Project-3** : Password Cracking using tools like John the Ripper or Hashcat
 - 🚩 **Project-4** : Using Burpsuite to attack the target website - <http://testphpvulnweb.com/>
 - 🚩 **Project-5** : Network scanning using nmap - open ports and vulnerable services.
 - 🚩 **Project-6** : Sniffing attack using Wireshark packet analyzer tool - Finding id and password.
 - 🚩 **Project-7** : Information Gathering - Using Maltego GUI based tool for gathering information.
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Web Development Intern

Skill Intern India

- IT Services and IT Consulting

20/10/2023 – 20/11/2023 | [Remote]

Roles/Responsibilities

- Collaborating on the creation of wireframes and prototypes to outline the structure and functionality of web pages.
- Ensuring that web applications work consistently across different web browsers Chrome, Firefox, Safari, Edge, by testing and debugging code accordingly.
- Assisting in developing layout concepts, selecting typography, and choosing color schemes.
- Working on developing and maintaining APIs for communication between frontend and backend systems.
- Working with experienced developers to implement the user interface (UI) based on design concepts using HTML, CSS, and JavaScript.
- Gaining an understanding of web accessibility guidelines and assist in ensuring that design concepts follow accessibility best practices.
- Supporting backend developers by working on server-side logic, database tasks, and APIs..
- Gaining an understanding of server setup and deployment processes, including server maintenance and optimization.
- Building reusable code and libraries for future use.

INTERNSHIP PROJECTS

Project-1 : Amazon Prime Home Page Clone

- Creating an Amazon Prime Home page clone using HTML, CSS and JavaScript.

Project-2 : Portfolio Website

- Creating a basic portfolio website highlighting your education, skills, and achievements.

Project-3 : Restaurant Website

- Creating a fully responsive restaurant website and extending the functionality by connecting it with a real-time database and allowing users to order food online.

Project-4 : Weather Forecast Website

- Creating a web application to check out the weather forecast for the current day and for the next few days. Using an API to fetch real-time data and then adding to the application. In addition to it, adding a feature to automatically detect the location.
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Python Development Intern

Intern Savy

- Software Development Firm

15/10/2023 – 15/11/2023 | [Remote]

Roles/Responsibilities

- Writing, testing, and debugging Python code and contributing to the development of software applications, modules, or components.
- Working on coding assignments, bug fixes, and feature enhancements under the guidance of experienced developers.
- Assisting in the testing and quality assurance processes by writing and executing test cases.
- Researching and experimenting with new libraries, frameworks, and tools that can improve development processes.
- Working on data analysis & data processing task using Python libraries like Pandas, NumPy or Matplotlib.
- Developing web applications or web services using Python frameworks such as Django or Flask.
- Working with databases using Python libraries and ORMs (Object-Relational Mapping).
- Documenting code, processes, and workflows & Creating and maintaining technical documentation for projects.
- Helping identify and fix software defects or issues.

INTERNSHIP PROJECTS

Project-1 : Blog Platform

- A blog platform where users can create, edit and delete blog posts using frameworks like Flask or Django for backend & a frontend library like React or Vue.js for the user interface.

Project-2 : Stock Portfolio Tracker

- Creating a tool that allows users to track their stock portfolios. Fetching stock price data from a financial APT and display it along with user-owned stocks and their current values.

Project-3 : Chat Application

- Creating a simple chat application using a library Flask for the backend and Websocket for real-time communication. Users should be able to join chat rooms and send messages.

Project-4 : Task Manager

- Creating a command-line or web-based task manager application that allows users to add, update and delete tasks. Using flask for web-based version.

Project-5 : Task Scheduler

- Creating a task scheduler that allows users to schedule tasks at specific times or intervals. Using libraries like schedule or APScheduler for this.
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Web Development & Designing Intern

Digirise Infolabs

- IT Services and IT Consulting

10/10/2023 – 10/11/2023 | [Remote]

Roles/Responsibilities

- Working closely with senior designers to assist in creating website or web application visual designs, including layout, color schemes, typography, and imagery.
- Assisting in translating design concepts into responsive user interfaces, using tools like Adobe XD, Sketch, Figma, or Photoshop.
- Collaborating on the creation of wireframes and prototypes to outline the structure and functionality of web pages.
- Ensuring that web applications work consistently across different web browsers Chrome, Firefox, Safari, Edge, by testing and debugging code accordingly.
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- Supporting backend developers by working on server-side logic, database tasks, and APIs..
- Gaining an understanding of server setup and deployment processes, including server maintenance and optimization.
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- Collaborating closely with backend developers, designers, and other team members to ensure a cohesive user experience.
- Performing thorough testing of web pages and applications to identify and fix issues, including cross-browser compatibility and usability problems.
- Maintaining documentation for frontend code, including code comments, usage guidelines, and style guides to ensure consistency within the team.
- Keeping libraries, frameworks, and dependencies up to date to ensure security and compatibility with the latest web standards.

INTERNSHIP PROJECTS

🚦 **Level-1 Projects :** 1. Responsive Blog | 2. Product Landing Page | 3. Portfolio

🚦 **Level-2 Projects :** 1. Quiz App | 2. WhatsApp Clone | 3. Code Editor

🚦 **Level-3 Projects :** 1. GitHub Explorer | 2. Online Examination System

Full Stack Web Development Intern

Slash Mark

- IT Services and IT Consulting

20/10/2023 – 20/11/2023 | [Remote]

Roles/Responsibilities

- Creating dynamic, visually appealing, end-to-end, and unique software webapps that incorporate front-end and back-end technology.
 - Developing and maintaining web applications using modern technologies and frameworks such as JavaScript, Node.js, ReactJS, HTML, CSS, MongoDB, Python, PHP and MySQL.
 - Working with databases, servers, APIs, version control systems, and third-party apps.
 - Focusing on optimizing the user experience, including page load times, smooth navigation, and mobile responsiveness.
 - Utilizing front-end frameworks like React, Angular, or Vue.js to build dynamic and interactive web applications.
 - Designing and maintaining databases like MySQL to store and manage application data. Write database queries and optimize database performance.
 - Creating RESTful or GraphQL APIs to facilitate communication between the front-end and back-end of the application.
 - Setting up and configure web servers, such as Apache, Nginx, or Express.js, to host web applications securely and efficiently.
 - Implementing caching mechanisms and optimize code and database queries for improved application performance.
 - Following best practices for web application security, including input validation, encryption, and protection against common vulnerabilities.
 - Ensuring data input is validated, sanitized, and protected against security vulnerabilities like SQL injection and cross-site scripting (XSS).
 - Using version control systems like Git to track changes, collaborate with other developers, and manage codebase efficiently.
 - Providing insights on continuous improvement and adding or remove functionality as per needs.
 - Creating strategies for continuous enhancement, performance optimization, stability, and scalability.
 - Keeping up with new development tools, frameworks, techniques, and structures.
 - Ensuring cross-platform compatibility and troubleshooting or fixing issues during the testing and production phases.
 - Developing websites which include the development of HTML/CSS and web pages based on wireframes and visual designs, and implementation of commercial & open source web technologies.
 - Developing dynamic and engaging web functionality and e-Commerce using JavaScript.
 - Testing software to ensure responsiveness & efficiency and creating security and data protection settings.
 - Building features and applications with a mobile responsive design and writing technical documentation for the same.
 - Creating clean and efficient code and maintaining software quality through continuous testing and debugging.
 - Working with a team of developers, designers, and network managers and ensuring that digital outcomes are in line with the business objectives.
 - Integrating & collaborating with other departments to ensure the development of robust project pipeline.
 - Designing the UI/UX elements and ensuring a consistent look and feel throughout the website.
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Full Stack Web Development Intern

Grow Intern

- IT Services and IT Consulting

05/10/2023 – 05/11/2023 | [Remote]

Roles/Responsibilities

- Creating dynamic, visually appealing, end-to-end, and unique software webapps that incorporate front-end and back-end technology.
- Developing and maintaining web applications using modern technologies and frameworks such as JavaScript, Node.js, ReactJS, HTML, CSS, MongoDB, Python, PHP and MySQL.
- Working with databases, servers, APIs, version control systems, and third-party apps.
- Providing insights on continuous improvement and adding or remove functionality as per needs.
- Creating strategies for continuous enhancement, performance optimization, stability, and scalability.
- Keeping up with new development tools, frameworks, techniques, and structures.
- Ensuring cross-platform compatibility and troubleshooting or fixing issues during the testing and production phases.
- Developing websites which include the development of HTML/CSS and web pages based on wireframes and visual designs, and implementation of commercial & open source web technologies.
- Developing dynamic and engaging web functionality and e-Commerce using JavaScript.
- Testing software to ensure responsiveness & efficiency and creating security and data protection settings.
- Building features and applications with a mobile responsive design and writing technical documentation for the same.
- Creating clean and efficient code and maintaining software quality through continuous testing and debugging.
- Working with a team of developers, designers, and network managers and ensuring that digital outcomes are in line with the business objectives.
- Integrating & collaborating with other departments to ensure the development of robust project pipeline.
- Designing the UI/UX elements and ensuring a consistent look and feel throughout the website.

INTERNSHIP PROJECTS

Project-1 : E-Commerce Website

- Creating a Full Stack E-Commerce website in which users can buy and sell products online for eg. platforms like Amazon and Flipkart.

Project-2 : Job Portal Website

- A Complete Job portal full-stack website i.e an online platform that connects job seekers with employers, offering a user-friendly interface for job-search, resume submission and job application management.

Project-3 : Social Media Website

- Creating a social media website, consisting of interactive technology where large networks of people communicate online & some features like chatting options, profile viewing and a section to upload pictures, content and videos.
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Software Development Intern

Prodigy InfoTech

- Software Development Company

01/10/2023 – 01/11/2023 | [Remote]

Roles/Responsibilities

- Writing, debugging, and maintaining code including working with programming languages, frameworks, and tools relevant to the project.
- Assisting in the design and architecture of software systems, components, and modules. This may involve creating technical specifications, diagrams, and flowcharts.
- Helping in the testing process by writing and executing test cases, conducting quality assurance checks, and identifying and reporting bugs and issues.
- Documenting code changes, updates, and new features. Create technical documentation, such as user manuals, API documentation, or developer guides.
- Using version control systems like Git and Github to manage codebase changes, branches, and merges.
- Assisting in troubleshooting and resolving technical issues and challenges that arise during development.
- Gaining proficiency in using development tools, integrated development environments (IDEs), and software development kits (SDKs) relevant to the project.
- Providing technical support to end-users or clients by addressing their inquiries, troubleshooting issues, and providing guidance.
- Collaborating with experienced developers to optimize code for performance, scalability, and efficiency.
- Understand and follow security best practices to ensure the integrity and security of the software being developed
- Participating in Agile or Scrum development processes, including sprint planning and stand-up meetings.

INTERNSHIP PROJECTS

Project-1 : Building a Temperture Conversion Program

- Creating a program that converts temperatures between Celsius, Fahrenheit and Kelvin scales.

Project-2 : Guessing Game

- Building a program that generates a random number and challenges the user to guess it.

Project-3: Contact Management System

- Developing a program that allows users to store and manage contact information. The program should provide options to add a new contact by entering their name and phone numbers.

Project-4: Sudoku Solver

- Creating a program that solves Sudoku puzzles automatically. The program should take an input grid representing an unsolved sudoku puzzle and use an algorithm to fill in the missing numbers.

Project-5: Web Scraping

- Creating a program that extracts product information, such as names, prices and ratings, from an online e-commerce website and stores the data in a structured format like a CSV file.

To know more in detail about the projects - [Click Here](#)

Web Development & Designing Intern

TXON

- Software Development Company

01/10/2023 – 01/11/2023 | [Remote]

Roles/Responsibilities

- Working closely with senior designers to assist in creating website or web application visual designs, including layout, color schemes, typography, and imagery.
- Assisting in translating design concepts into responsive user interfaces, using tools like Adobe XD, Sketch, Figma, or Photoshop.
- Collaborating on the creation of wireframes and prototypes to outline the structure and functionality of web pages.
- Ensuring that web applications work consistently across different web browsers Chrome, Firefox, Safari, Edge, by testing and debugging code accordingly.
- Assisting in developing layout concepts, selecting typography, and choosing color schemes.
- Working on developing and maintaining APIs for communication between frontend and backend systems.
- Working with experienced developers to implement the user interface (UI) based on design concepts using HTML, CSS, and JavaScript.
- Participating in the testing and iteration process based on feedback.
- Gaining an understanding of web accessibility guidelines and assist in ensuring that design concepts follow accessibility best practices.
- Supporting backend developers by working on server-side logic, database tasks, and APIs..
- Gaining an understanding of server setup and deployment processes, including server maintenance and optimization.
- Building reusable code and libraries for future use.
- Collaborating closely with backend developers, designers, and other team members to ensure a cohesive user experience.
- Performing thorough testing of web pages and applications to identify and fix issues, including cross-browser compatibility and usability problems.
- Maintaining documentation for frontend code, including code comments, usage guidelines, and style guides to ensure consistency within the team.
- Keeping libraries, frameworks, and dependencies up to date to ensure security and compatibility with the latest web standards.

INTERNSHIP PROJECTS

- ✚ **Project-1** : Landing Page using HTML and CSS
 - ✚ **Project-2** : Calculator using HTML, CSS and JavaScript
 - ✚ **Project-3** : To-Do List App
 - ✚ **Project-4** : Portfolio Website
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Web Development & Designing Intern

Code Casa

- IT Services and IT Consulting

01/10/2023 – 01/11/2023 | [Remote]

Roles/Responsibilities

- Working closely with senior designers to assist in creating website or web application visual designs, including layout, color schemes, typography, and imagery.
- Assisting in translating design concepts into responsive user interfaces, using tools like Adobe XD, Sketch, Figma, or Photoshop.
- Collaborating on the creation of wireframes and prototypes to outline the structure and functionality of web pages.
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- Keeping libraries, frameworks, and dependencies up to date to ensure security and compatibility with the latest web standards.

INTERNSHIP PROJECTS

🚦 **Level-1 Projects :** 1. Portfolio | 2. To-Do List | 3. Tic-TAC-Toe Game

🚦 **Level-2 Projects :** 1. Landing Page | 2. Analog Clock Webapp

🚦 **Level-3 Projects :** 1. Temperature Convertor website | 2. E-Commerce Web-app

Artificial Intelligence Intern

Coding Samurai

- IT Services and IT Consulting

27/09/2023 – 27/10/2023 | [Remote]

Roles/Responsibilities

- Assisting in collecting and preparing data for AI model training. This may involve data cleaning, data augmentation, and ensuring data quality.
- Working on implementing machine learning and deep learning algorithms under the guidance of senior AI researchers or engineers including coding, model development, and experimentation.
- Training AI models using available data and evaluate their performance using appropriate metrics. Helping fine-tune models for better accuracy and efficiency.
- Creating visualizations to present data insights and model results effectively, using tools like Matplotlib, Seaborn, or Tableau.
- Working on NLP and Computer Vision projects such as text classification, sentiment analysis, entity recognition, chatbot development, image classification, object detection, and image segmentation.
- Learning about deploying AI models in real-world applications. Assisting in deploying models to production environments, cloud platforms, or edge devices.
- Helping optimize model hyperparameters to improve model performance and efficiency..
- Identifying and resolving issues with AI models, including debugging code, handling errors, and addressing performance bottlenecks.
- Documenting the work, including code, experiments, and findings. Maintaining clear and organized documentation for future reference.
- Staying up-to-date with the latest advancements in AI and machine learning. Contributing to research efforts by exploring new algorithms and techniques.
- Upholding ethical standards in AI development, including data privacy, fairness, and transparency. Be aware of ethical implications in AI projects.
- Collaborating with cross-functional teams, including data engineers, business analysts, and stakeholders, to understand project requirements.
- Assisting in project management tasks related to data analysis, including task tracking, documentation, and progress reporting.

INTERNSHIP PROJECTS

Project-1 : Sentiment Analysis of Movie Reviews

- **Description :** Building a basic Sentiment analysis tool that can classify movie reviews as positive or negative.

Project-2 : Handwritten Digital Recognition

- **Description:** Building a simple AI model that can recognize handwritten digits. Training a model to identify digits (0-9) written by users and then predicting which digit is written.

Project-3 : Text-based Chatbot

- **Description:** Creating a simple text-based chatbot that can respond to user input with pre-defined responses. This chatbot will provide a basic Conversational experience.
-

Data Analyst Intern

MeriSKILL

- Information Services Company

25/09/2023 – 30/10/2023 | [Remote]

Roles/Responsibilities

- Assisting in Data Collection from various sources, including databases, various datasets, spreadsheets, APIs, and web scraping tools.
- Cleaning and preprocessing data to ensure its accuracy, consistency, and suitability for analysis involving handling missing data, dealing with outliers, and formatting data appropriately.
- Using statistical and data analysis software, such as Excel, Python, R, or SQL, to carry out data analysis. Finding trends, patterns, and outliers in the data by using exploratory data analysis (EDA).
- Creating data visualizations, charts, and graphs to present insights effectively using Tools like Tableau, Power BI, Matplotlib, or Seaborn.
- Generating reports and dashboards summarizing key findings and insights from the data analysis. Communicating results to team members and stakeholders.
- Assisting in formulating and testing hypotheses to make data-driven decisions. Using statistical tests to validate or refute hypotheses.
- Building simple machine learning models to predict outcomes or classify data.
- Documenting data sources, methodologies, and analysis procedures. Maintaining a record of data transformations and decisions made during the analysis process.
- Using data mining techniques to discover hidden insights or patterns in large datasets.
- Writing SQL queries to extract and manipulate data from relational databases.
- Helping interpret data findings and translating them into actionable recommendations or strategies for the organization.
- Collaborating with cross-functional teams, including data engineers, business analysts, and stakeholders, to understand data requirements and deliver insights..
- Assisting in project management tasks related to data analysis, including task tracking, documentation, and progress reporting.
- Maintaining clear and effective communication with team members and stakeholders, including regular updates on the progress of data analysis tasks.
- Ensuring data integrity, security, and compliance with data governance policies and regulations.

INTERNSHIP PROJECTS

- ✚ **Project-1** : Sales Data Analysis
 - ✚ **Project-2** : Diabetes Patient Analysis
 - ✚ **Project-3** : HR Analytics
-

Full Stack Web Development & Designing Intern

Oasis Infobyte

- Software Development Company

15/09/2023 – 15/10/2023 | [Remote]

Roles/Responsibilities

- Assisting in translating design concepts into responsive user interfaces, using tools like Adobe XD, Sketch, Figma, or Photoshop.
- Working closely with senior designers to assist in creating website or web application visual designs, including layout, color schemes, typography, and imagery.
- Ensuring that web applications work consistently across different web browsers Chrome, Firefox, Safari, Edge, by testing and debugging code accordingly.
- Assisting in developing layout concepts, selecting typography, and choosing color schemes.
- Working on developing and maintaining APIs for communication between frontend and backend systems.
- Collaborating on the creation of wireframes and prototypes to outline the structure and functionality of web pages.
- Working with experienced developers to implement the user interface (UI) based on design concepts using HTML, CSS, and JavaScript.
- Participating in the testing and iteration process based on feedback.
- Gaining an understanding of web accessibility guidelines and assist in ensuring that design concepts follow accessibility best practices.
- Supporting backend developers by working on server-side logic, database tasks, and APIs..
- Gaining an understanding of server setup and deployment processes, including server maintenance and optimization.
- Building reusable code and libraries for future use.
- Collaborating closely with backend developers, designers, and other team members to ensure a cohesive user experience.
- Performing thorough testing of web pages and applications to identify and fix issues, including cross-browser compatibility and usability problems.
- Maintaining documentation for frontend code, including code comments, usage guidelines, and style guides to ensure consistency within the team.
- Keeping libraries, frameworks, and dependencies up to date to ensure security and compatibility with the latest web standards.

INTERNSHIP PROJECTS

- 🚩 **Level-1 Projects :** 1. Landing Page | 2. Portfolio | 3. Temperature Convertor Website
 - 🚩 **Level-2 Projects :** 1. Tribute Page | 2. Calculator | 3. To-Do WebApp
 - 🚩 **Level-3 Projects :** 1. Pizza Delivery Application | 2. Login Authentication
-

Web Design & Development Intern

The Sparks Foundation [GRIP]

- Non-Profit Administration, Singapore

01/09/2023 – 01/10/2023 | [Remote]

Roles/Responsibilities

- Working closely with senior designers to assist in creating website or web application visual designs, including layout, color schemes, typography, and imagery.
 - Assisting in developing layout concepts, selecting typography, and choosing color schemes.
 - Collaborating on the creation of wireframes and prototypes to outline the structure and functionality of web pages.
 - Participating in the testing and iteration process based on feedback..
 - Assisting in translating design concepts into responsive user interfaces, using tools like Adobe XD, Sketch, Figma, or Photoshop.
 - Gaining an understanding of web accessibility guidelines and assist in ensuring that design concepts follow accessibility best practices.
 - Working with experienced developers to implement the user interface (UI) based on design concepts using HTML, CSS, and JavaScript.
 - Ensuring that web applications work consistently across different web browsers Chrome, Firefox, Safari, Edge, by testing and debugging code accordingly.
 - Supporting backend developers by working on server-side logic, database tasks, and APIs..
 - Gaining an understanding of server setup and deployment processes, including server maintenance and optimization.
 - Working on developing and maintaining APIs for communication between frontend and backend systems.
 - Building reusable code and libraries for future use.
 - Collaborating closely with backend developers, designers, and other team members to ensure a cohesive user experience.
 - Performing thorough testing of web pages and applications to identify and fix issues, including cross-browser compatibility and usability problems.
 - Maintaining documentation for frontend code, including code comments, usage guidelines, and style guides to ensure consistency within the team.
 - Keeping libraries, frameworks, and dependencies up to date to ensure security and compatibility with the latest web standards.
-

Frontend Web Development Intern

Infotrixx

- Software Development Company

01/09/2023 – 01/10/2023 | [Remote]

Roles/Responsibilities

- Creating and implementing the visual elements of a website or web application, including layout, navigation menus, buttons, forms, and other interactive components.
- Ensuring that the UI is responsive and works well on various devices and screen sizes.
- Writing clean and semantic HTML markup to structure web content properly.
- Styling web pages using CSS to control layout, fonts, colors, and other visual aspects.
- Writing JavaScript code to give web sites interaction and dynamic behavior.
- Building complicated web apps using JavaScript frameworks and libraries like React and Angular.
- Ensuring that web applications work consistently across different web browsers Chrome, Firefox, Safari, Edge, by testing and debugging code accordingly.
- Optimizing frontend code and assets like images, scripts, stylesheets to improve website loading times and overall performance.
- Implementing responsive web design principles to create layouts that adapt to different screen sizes and orientations. Using media queries to control the presentation of content based on device characteristics.
- Collaborating with other developers and track changes using version control systems like Git and Github.
- Building reusable code and libraries for future use.
- Collaborating closely with backend developers, designers, and other team members to ensure a cohesive user experience.
- Performing thorough testing of web pages and applications to identify and fix issues, including cross-browser compatibility and usability problems.
- Maintaining documentation for frontend code, including code comments, usage guidelines, and style guides to ensure consistency within the team.
- Keeping libraries, frameworks, and dependencies up to date to ensure security and compatibility with the latest web standards.

INTERNSHIP PROJECTS

🚦 **Week-1 Project** : Mobile App Landing Page.

🚦 **Week-2 Project** : Designing the frontend of Libray Management System.

🚦 **Week-3 & 4 Project** : RESTFul API for a Library Management.

Project Description : Designing and building a RESTful API for managing library resources, books and user interactions. Implementing using a backend framework like Node.js with Express.js or Java with Springboot to build the API endpoints for CRUD operations on books, users and library resources.

Web Development Intern

Coders Cave

- IT Services and IT Consulting

01/09/2023 – 01/10/2023 | [Remote]

Roles/Responsibilities

- Designing & building responsive and mobile-friendly websites optimized for different devices and browsers.
- Maintaining, and improving the website and optimizing applications for maximum speed & scalability.
- Developing websites which include the development of HTML/CSS and web pages based on wireframes and visual designs, and implementation of commercial & open source web technologies.
- Writing clean, efficient, and well-documented code using languages such as HTML, CSS, and JavaScript.
- Creating and managing databases for web functionality. Maintaining and updating existing websites.
- Testing new and existing websites, fixing any potential issues that might appear.
- Troubleshooting and debugging issues to ensure websites are functioning correctly.
- Managing Backend Tasks like database and server integration.
- Optimizing and Organizing existing Front-end Code and Documentations.

INTERNSHIP PROJECTS

Project-1 : Netflix Clone

- A web page that resembles the Netflix interface, allowing users to browse and explore a collection of movies and TV shows. The clone page provides an engaging and user-friendly experience.

Project-2 : Online Code Editor

- An online code editor that supports multiple programming languages, providing users with an interface to write and execute code in a web browser. The code editor include features such as syntax highlighting, code execution, and output display.

Project-3 : Portfolio

- A personal portfolio website that effectively presents my skills, projects, and background in a professional and visually appealing manner.

Project-4 : Link Shortener

- A link shortener service that allows users to input long URLs and receive shortened URLs in return.

Project-5 : Blogging Platform

- A blogging platform where users can write, publish, and manage their blog posts, and readers can explore and interact with the content.

Project-6 : Budget Tracker

- A budget tracker app that allows users to log income, record expenses, set budget limits, and monitor their financial progress.
-

MERN Stack Development Intern

WebStack Academy

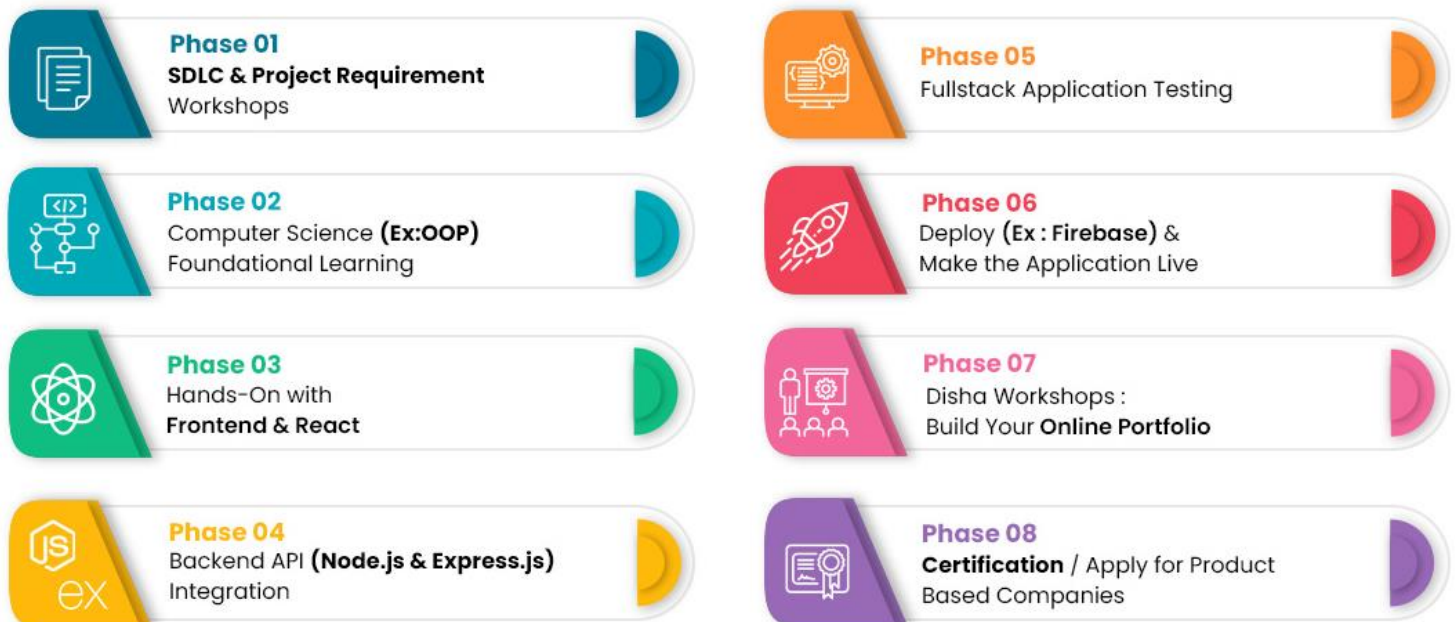
- Software Training Institute, Bangalore

15/08/2023 – 15/10/2023 | [Virtual Internship Program]

Roles/Responsibilities

- Developing user interfaces using React, ensuring a responsive and visually appealing design and implementing components and user interfaces elements.
- Collaborating with designers to translate visual designs into functional components.
- Managing state using React's state management libraries like Redux or context API.
- Developing server-side logic using Node.js and Express.js to handle requests and responses.
- Designing and implementing RESTful APIs for communication between the front end and back end.
- Implementing authentication and authorization mechanisms, such as JWT (JSON Web Tokens) or OAuth.
- Establishing and modifying middleware to implement routing, error handling, and other features.
- Interacting with databases like MongoDB to store, retrieve, and manipulate data.
- Writing queries to perform CRUD (Create, Read, Update, Delete) operations on the database.
- Optimizing database queries for performance & efficiency and implementing data validation and ensure data integrity.
- Using version control systems like GitHub to manage and track changes to the codebase.
- Deploying the application to cloud platforms like AWS, Azure, or Heroku.
- Setting up deployment pipelines using tools like Docker, Jenkins, or other CI/CD tools.
- Identifying and resolve issues and bugs in the application by debugging and testing.
- Conducting testing, including unit tests, integration tests, and end-to-end tests.

INTERNSHIP CURRICULUM



For Detailed Internship Curriculum and Topics - [Click Here.](#)

Embedded Systems Intern

Emertxe Information Technologies

- Software Training Institute, Bangalore

15/08/2023 – 15/10/2023 | [Virtual Internship Program]

Roles/Responsibilities

- Working with the engineering team and research and development department of the organization to support the development, testing, and design of embedded systems. These systems are specialized computers designed to perform dedicated functions or tasks within larger systems.
- Engaging in software development for embedded systems including programming microcontrollers.
- Writing firmware, developing device drivers, and creating software applications that run on embedded platforms.
- Working on interfacing software with hardware components such as sensors, actuators, motors, displays, and communication modules like Wi-Fi, Bluetooth, Ethernet to create integrated solutions.
- Developing and testing embedded system prototypes that require soldering components, assembling circuits together, and utilizing debugging tools to identify and rectify issues.
- Designing models for embedded systems and Improving system efficiency & stability after development.
- Monitoring & Keeping track of the documentation throughout the creation of an effective embedded system.
- Optimizing code to improve performance, reduce memory usage, and enhance power efficiency, critical factors in embedded systems.
- Conducting research on software and hardware to improve systems and execute upgrades.
- Recognizing and resolving development-related problems, such as challenges with hardware-software integration, communication errors, and unexpected behavior.
- Maintaining version control of code repositories. Creating clear and concise documentation for knowledge sharing and project continuity.
- Getting involved in the design and architecture of embedded systems, helping to determine the most suitable components, platforms, and software structures for the project.
- Assessing security aspects of embedded systems, ensuring that the devices are protected from unauthorized access or malicious activities.
- Staying updated with advancements in embedded systems technology and exploring new tools, languages, and frameworks.
- Writing and executing test cases, conducting unit tests, integration tests, and performance tests.
- Discovering about the company's products, technologies, and industry trends related to embedded systems.

INTERNSHIP CURRICULUM

- ✚ Building various projects using Microcontroller Simulator Software.
 - ✚ Using good GUI and package support Linux versions such as Ubuntu and xUbuntu.
 - ✚ Working on a Microcontroller based project applied in domains like Automotive, Industrial Automation and Consumer Electronics.
 - ✚ Working on the following :
 - Foundation skills - C Programming and Linux
 - Embedded Skills - Microcontroller Programming
 - Project Skills - SLDC (Synchronous Data Link Control) Usage, working and demonstrable projects.
 - Tools - Debuggers, Cross-Compilers and Editors.
-

Web Development Intern

Info AidTech

- IT Services and IT Consulting

10/08/2023 – 10/09/2023 | [Remote]

Roles/Responsibilities

- Using markup languages like HTML to create user-friendly web pages.
- Designing and building responsive and mobile-friendly websites optimised for different devices and browsers.
- Maintaining, and improving the website and optimizing applications for maximum speed & scalability.
- Developing websites which include the development of HTML/CSS and web pages based on wireframes and visual designs, and implementation of commercial & open source web technologies.
- Developing dynamic and engaging web functionality and e-Commerce using JavaScript.
- Writing clean, efficient, and well-documented code using languages such as HTML, CSS, and JavaScript.
- Creating and managing databases for web functionality. Maintaining and updating existing websites.
- Testing new and existing websites, fixing any potential issues that might appear.
- Troubleshooting and debugging issues to ensure websites are functioning correctly.
- Writing, modifying, and updating web content, code, and features in HTML, CSS and JavaScript.
- Contributing in conception, design, development, implementation and deployment of web-based user interface systems.
- Optimizing and Organizing existing Front-end Code and Documentations.

INTERNSHIP PROJECTS

Project-1 : Product Landing Page | Using HTML and CSS

- Creating a Product Landing Page which is used to promote and sell just one specific product. Creating columns and components of the landing page within the columns.

Project-2 : Calculator | Using HTML, CSS and JavaScript

- Designing a calculator using HTML, CSS and JavaScript that performs Arithmetic Operations such as addition, subtraction, multiplication and Division and then calculates the result.

Project-3 : Temperature Convertor | Using HTML, CSS and JavaScript

- Making a Temperature convertor website which allows user to convert temperatures from one unit to another. Implementing a user interface to display the input and output fields using a GUI Library or web framework, such as JavaSwing, Python or Javascript.

Project-4 : Restaurant Website | Using HTML, CSS and JavaScript including Database

- Creating a Fully Responsive Restaurant website which allows users to order food online. Extending the functionality of the website by connecting it with a real time database. Testing the website usability, functionality and compatibility with different browsers and devices.
-

Ethical Hacking & Cyber Security Intern

Technohacks Edutech

- IT Services and IT Consulting

10/08/2023 – 10/09/2023 | [Remote]

Roles/Responsibilities

- Testing, identifying, and fixing system vulnerabilities for the organization.
- Wiping traces of the hack to ensure that malicious hackers cannot enter the system through the identified loopholes and remove the same.
- Reporting any security breaches and vulnerabilities discovered within the system or network directly.
- Executing security assessment simulations to show how easily they could be hacked by someone else.
- Discovering the operating system and network weaknesses in an organization's technology infrastructure.

INTERNSHIP PROJECTS

- ✚ **Project-1** : Password Policy Creation
 - ✚ **Project-2** : Email Analysis, Identifying red flags
 - ✚ **Project-3** : Password Cracking using tools like John the Ripper or Hashcat
 - ✚ **Project-4** : Using Burpsuite to attack the target website - <http://testphpvulnweb.com/>
 - ✚ **Project-5** : Network scanning using nmap - Scan network for open ports and vulnerable services.
 - ✚ **Project-6** : Sniffing attack using Wireshark packet analyzer tool - Finding id and password.
 - ✚ **Project-7** : Information Gathering - Using Maltego GUI based tool for gathering information.
 - ✚ **Project-8** : Practicing Advanced Kali Linux commands and installing Kali Linux tools from Github.
-

Web Development Intern

Dabotics India Pvt. Ltd.

- Software Development Firm

10/08/2023 – 10/09/2023 | [Remote]

Roles/Responsibilities

- Writing, modifying, and updating web content, code, and features in HTML, CSS, JavaScript, PHP, and other programming languages.
- Contributing in conception, design, development, implementation and deployment of web-based user interface systems.
- Developing web applications using Python, JavaScript, HTML and CSS.
- Optimizing and Organizing existing Front-end Code and Documentations.
- Troubleshooting code to find and resolve bugs.
- Developing websites which include the development of HTML/CSS and web pages based on wireframes and visual designs, and implementation of commercial & open source web technologies.
- Developing dynamic and engaging web functionality and e-Commerce using JavaScript.

INTERNSHIP PROJECTS

- ✚ **Project-1** : Creating a Responsive Website Layout.
 - ✚ **Project-2** : Scientific Calculator using HTML, CSS and JavaScript.
 - ✚ **Project-3** : QR Code Generator using HTML, CSS and JavaScript.
 - ✚ **Project-4** : Internship Website Cloning - Hostinger.in, Discord.com and Dabotics.com
-

Full Stack Web Development Intern

Bharat Intern

- Startup, Madhya Pradesh

10/08/2023 – 10/09/2023 | [Remote]

Roles/Responsibilities

- Creating dynamic, visually appealing, end-to-end, and unique software webapps that incorporate front-end and back-end technology.
- Developing and maintaining web applications using modern technologies and frameworks such as JavaScript, Node.js, ReactJS, HTML, CSS, MongoDB, Python, PHP and MySQL.
- Working with databases, servers, APIs, version control systems, and third-party apps.
- Providing insights on continuous improvement and adding or remove functionality as per needs.
- Creating strategies for continuous enhancement, performance optimization, stability, and scalability.
- Keeping up with new development tools, frameworks, techniques, and structures.
- Ensuring cross-platform compatibility and troubleshooting or fixing issues during the testing and production phases.
- Developing websites which include the development of HTML/CSS and web pages based on wireframes and visual designs, and implementation of commercial & open source web technologies.
- Developing dynamic and engaging web functionality and e-Commerce using JavaScript.
- Testing software to ensure responsiveness & efficiency and creating security and data protection settings.
- Building features and applications with a mobile responsive design and writing technical documentation for the same.
- Creating clean and efficient code and maintaining software quality through continuous testing and debugging.
- Working with a team of developers, designers, and network managers and ensuring that digital outcomes are in line with the business objectives.
- Integrating & collaborating with other departments to ensure the development of a robust project pipeline.
- Designing the UI/UX elements and ensuring a consistent look and feel throughout the website.
- Providing technical support to new and existing ongoing internal processes.

INTERNSHIP PROJECTS

Project-1 : Content Management Tool

- Using the Full Stack Web Development items and other drag and drop interfaces to create a web page that helps you add text, images, videos and other elements required to create blog.

Project-2 : Project Management Tool

- The Project includes a framework of social media sites where users can communicate with one another. The users also get the functionality to assign tasks to others.

Project-3 : Video Conferencing Website

- The Video Conferencing Website/Application includes features like textual chatting, audio-video interactions and video recordings etc.
-

Web Development Intern

Codsoft

- IT Services and IT Consultancy

10/08/2023 – 10/09/2023 | [Remote]

Roles/Responsibilities

- Writing, modifying, and updating web content, code, and features in HTML, CSS, JavaScript, PHP, and other programming languages.
- Contributing in conception, design, development, implementation and deployment of web-based user interface systems.
- Optimizing and Organizing existing Front-end Code and Documentations.
- Creating and managing databases for web functionality. Maintaining and updating existing websites.
- Testing new and existing websites, fixing any potential issues that might appear.
- Optimizing and Organizing existing Front-end Code and Documentations.
- Troubleshooting and debugging issues to ensure websites are functioning correctly.
- Managing Backend Tasks like database and server integration.

INTERNSHIP PROJECTS

- 🚩 **Level-1 Projects :** 1. Portfolio Website | 2. To-Do List | 3. Calculator
 - 🚩 **Level-2 Projects :** 1. Tribute Page | 2. Complete Travel Booking Website with Front and Backend
 - 🚩 **Level-3 Projects :** 1. Blogging Platform | 2. E-Commerce Website
-

Python Development Intern

CodeClause Pvt. Ltd.

- Software Development & IT-Services Firm

01/08/2023 – 01/09/2023 | [Remote]

Roles/Responsibilities

- Writing efficient, reusable, testable, and scalable code.
- Integration of user-oriented elements into different applications, data storage solutions.
- Developing Backend components to enhance performance and receptiveness, server-side logic, and platform, statistical learning models and highly responsive web applications.
- Keeping up to with Python frameworks like Django, Flask, Web frameworks and RESTful APIs.
- Testing and debugging software applications with Python test framework tools like Behave, Pytest, PyUnit.
- Managing Backend Tasks like database and server integration.
- Enhancing the functionalities of current software systems.
- Working with Python libraries like Pandas, NumPy, etc.
- Fine-tune and develop AI/ML-based algorithms based on results.

INTERNSHIP PROJECTS

- 🚩 **Project-1 :** URL Shortener
 - 🚩 **Project-2 :** Alarm Clock with GUI
 - 🚩 **Project-3 :** Voice Assistant using python
 - 🚩 **Project-4 :** Python Flappy Bird Game
-

Web Development Intern

Let's Grow More

- Startup (MSME)

01/08/2023 – 01/09/2023 | [Remote]

Roles/Responsibilities

- Designing and building responsive and mobile-friendly websites optimised for different devices and browsers.
- Writing clean, efficient, and well-documented code using languages such as HTML, CSS, and JavaScript.
- Staying up-to-date with the latest web technologies and industry trends to ensure the website is current and secure.
- Creating and managing databases for web functionality. Maintaining and updating existing websites.
- Testing new and existing websites, fixing any potential issues that might appear.
- Troubleshooting and debugging issues to ensure websites are functioning correctly.

INTERNSHIP PROJECTS

- 🚩 **Project-1** : Creating a To-Do List Web-App using ReactJS
 - 🚩 **Project-2** : Creating a Web Application using create-react-app
 - 🚩 **Project-3** : Creating a Registration form using HTML, CSS and Javascript | ReactJS
 - 🚩 **Project-4** : Creating a Calculator using HTML, CSS and Javascript | ReactJS
 - 🚩 **Project-5** : Student Result Management System using HTML, CSS, Javascript, PHP and MySQL
-

Web Development Intern

Code Alpha

- Software Development Firm

01/08/2023 – 01/09/2023 | [Remote]

Roles/Responsibilities

- Writing, modifying, and updating web content, code, and features in HTML, CSS, JavaScript, PHP, and other programming languages.
- Contributing in conception, design, development, implementation and deployment of web-based user interface systems.
- Developing web applications using Python, JavaScript, HTML and CSS.
- Optimizing and Organizing existing Front-end Code and Documentations.
- Troubleshooting code to find and resolve bugs.
- Managing Backend Tasks like database and server integration.
- Creating different Wordpress websites and generating Wordpress Plugins themes and plugins.
- Testing and Troubleshooting the website. Designing and Implementing new features and functionality.
- Helping formulate an effective, responsive design and turning it into a working theme and plugin.

INTERNSHIP PROJECTS

- 🚩 **Project-1** : Multi-Page Survey Form with Database.
 - 🚩 **Project-2** : Integration of Captcha with an Existing Website.
 - 🚩 **Project-3** : Creating an Wordpress Site.
-

Web Development Intern

Octanet Software Services

- IT Services and IT Consulting

01/08/2023 – 01/10/2023 | [Remote]

Roles/Responsibilities

- Using markup languages like HTML to create user-friendly web pages.
- Designing & building responsive and mobile-friendly websites optimized for different devices and browsers.
- Maintaining, and improving the website and optimizing applications for maximum speed & scalability
- Developing websites which include the development of HTML/CSS and web pages based on wireframes and visual designs, and implementation of commercial & open source web technologies.
- Developing dynamic and engaging web functionality and e-Commerce using JavaScript.
- Writing clean, efficient, and well-documented code using languages such as HTML, CSS, and JavaScript.
- Creating and managing databases for web functionality. Maintaining and updating existing websites.
- Testing new and existing websites, fixing any potential issues that might appear.
- Troubleshooting and debugging issues to ensure websites are functioning correctly.
- Writing, modifying, and updating web content, code, and features in HTML, CSS, JavaScript, PHP, and other programming languages.
- Contributing in conception, design, development, implementation and deployment of web-based user interface systems.
- Staying up-to-date with the latest web technologies and industry trends to ensure the website is current and secure.
- Optimizing and Organizing existing Front-end Code and Documentations.
- Managing Backend Tasks like database and server integration.

INTERNSHIP PROJECTS

🚀 **Project-1** : Product Landing Page

🚀 **Project-2** : To-Do List

🚀 **Project-3** : Portfolio Website

Full Stack Web Developer

Codex Earth

- IT E-Learning Firm

01/08/2023 – 01/09/2023 | [Remote]

Roles/Responsibilities

- Creating dynamic, visually appealing, end-to-end, and unique software webapps that incorporate front-end and back-end technology.
- Developing and maintaining web applications using modern technologies and frameworks such as JavaScript, Node.js, ReactJS, HTML, CSS, MongoDB, Python, PHP and MySQL.
- Working with databases, servers, APIs, version control systems, and third-party apps.
- Providing insights on continuous improvement and adding or remove functionality as per needs.
- Creating strategies for continuous enhancement, performance optimization, stability, and scalability.
- Keeping up with new development tools, frameworks, techniques, and structures.
- Ensuring cross-platform compatibility and troubleshooting or fixing issues during the testing and production phases.
- Developing websites which include the development of HTML/CSS and web pages based on wireframes and visual designs, and implementation of commercial & open source web technologies.
- Developing dynamic and engaging web functionality and e-Commerce using JavaScript.
- Testing software to ensure responsiveness & efficiency and creating security and data protection settings.
- Building features and applications with a mobile responsive design and writing technical documentation for the same.
- Creating clean and efficient code and maintaining software quality through continuous testing and debugging.
- Working with a team of developers, designers, and network managers and ensuring that digital outcomes are in line with the business objectives.
- Integrating & collaborating with other departments to ensure the development of a robust project pipeline.
- Designing the UI/UX elements and ensuring a consistent look and feel throughout the website.
- Providing technical support to new and existing ongoing internal processes.

INTERNSHIP PROJECTS

- 🚧 **Project-1** : Portfolio Website
 - 🚧 **Project-2** : Food Delivery Application
 - 🚧 **Project-3** : Online Resume Builder
 - 🚧 **Project-4** : E-Commerce Application
 - 🚧 **Project-5** : Chat Messaging app
 - 🚧 **Project-6** : Blog Website
 - 🚧 **Project-7** : Live Music Streaming App
 - 🚧 **Project-8** : Instagram Clone
 - 🚧 **Project-9** : Web Portal for Motor Servicing at Home
 - 🚧 **Project-10** : Youtube Clone using API
-

Operations Intern

College Khabar

- Startup (News & Education)

28/07/2023 – 28/08/2023 | [Work From Home]

Roles/Responsibilities

- Creating marketing strategies to increase reach of campaigns and events by managing staff, researching, and developing marketing plans, maintaining response operations, and maintaining quality ratings.
 - Collecting quantitative and qualitative data from marketing campaigns and Perform market analysis and research on competition.
 - Collaborating with the Sales & Marketing and Research Department team to improve cost-effectiveness across all platforms.
 - Maintaining work process flows by coordinating information & requirements with related operational departments and participating with and providing resources to business improvement teams.
 - Working in the day-to-day operations to grow community and overall enhance productivity.
 - Assisting with the promotion and marketing of the organization's numerous campaigns.
 - Keeping management informed through the creation of reports, presentations, the interpretation of data, and the formulation of suggestions.
 - Analyzing data and information from many different sources to identify business opportunities.
 - Helping members find products and services that match their needs by assisting in cross-service data analysis. Preparing promotional presentations.
-

Operations Intern

Behere Elite Technologies Private Limited

- Software Development Firm

10/07/2023 – 10/09/2023 | [Work From Home]

Departments - Technical, Research and Content

Roles/Responsibilities

- Processing requests for customer and client's website changes utilizing HTML, JavaScript, and the asp programming language through an electronic queue.
 - Monitoring open workflow tasks in the internal investment management system and assisting thereof to resolve them.
 - Streamlining or defining content workflows to ensure maximum efficiency, appropriate timelines, and inclusion of all necessary tasks.
 - Acting as a liaising person with other departments on Open Workflow Tasks and projects.
 - Collaborating with internal developers on database transitions and data sources verification, particularly accuracy and mapping .
 - Planning and implementing organizational processes for management's benefit and overseeing techniques for quality assurance and control.
 - Developing operational strategy and process changes in conjunction with executives and managers.
 - Planning and organizing transitions from outdated technologies to new technologies as well as supporting teams with daily operation techniques in areas including production, administration, & human resources.
 - Doing App & Market Analysis of the brands like Meesho, Flipkart and Amazon and providing insights Competitors Web Presence, their ranking in playstore.
 - Maintaining internal knowledge management systems and update webpage content.
 - Producing and analyzing reports to streamline processes & organizing leads into new regions using Excel.
-

Research & Development Intern - Voter Analysis

Think Of It Foundation

- Business Consulting & Services, NPO

05/07/2023 – 10/09/2023 | [Work From Home]

Project - Samanvay Governance, Booth Analysis Department

Roles/Responsibilities

- Participating in data collection efforts with the Booth Analysis Department team using sources including public opinion polls and election outcomes.
 - Interpreting research results and findings through statistical analysis by indulging into the major and minor profiling analysis.
 - Constructing political hypotheses based on the historical evidence, documents and predicting political, economic, and social trends.
 - Finding out ideological inconsistencies, personal transgressions, and anything else that showcases the weaknesses of the opposing candidate through opposition research.
 - Collaborating with the strategy department team to do extensive research to find new market opportunities and consumer preferences to support campaign creation
 - Presenting the research outcomes results by writing reports, giving presentations, and publishing articles.
 - Assessing the impact of legislation policies on the public, the economy, enterprises, and the government.
 - Keeping track of recent developments and Monitoring policy decisions, and legislative changes.
 - Maintaining awareness of global trends and developments, as well as increasing societal knowledge of crucial political and social concerns.
-

Project Expert

Hazten Edutech Private Limited

- Edtech Firm

20/06/2023 – 10/09/2023 | [Work From Home]

Roles/Responsibilities

- Gathering, Collating, and Preparing materials & information for data entry and Capturing the data into digital/spreadsheet databases using various data entry software.
 - Organizing and Cleaning data to ensure data accuracy and completeness. This may entail data verification, eliminating duplication, and ensuring data consistency.
 - Performing regular backups, Updating and Administering filing systems, archives, and databases.
 - Monitoring and Reviewing databases and at the same time, correcting discrepancies or inconsistencies.
 - Maintaining data documentation & Metadata to support the Operations team in their reporting activities.
 - Creating Reports and Visualizations to communicate insights to internal and External Stakeholders.
 - Examining data and Identifying trends & patterns in order to assist the operations team with data management and reporting tasks.
 - Working with seasoned professionals and learning best practices for utilizing data to generate business objectives and inform marketing decisions.
 - Collaborating directly with the Operations team to assist their numerous projects, such as data entry, data management, and reporting.
 - Processing and resolve data inquiries by searching and reviewing the databases.
 - Providing technical support to new and existing ongoing internal processes.
-

Graphic Designer

Aashmaan Foundation

- NGO, Haryana

01/06/2023 – 01/09/2023 | [Work From Home]

Roles/Responsibilities

- Creating visual designs that communicate ideas or messages effectively using a variety of methods, such as color, typography, imagery, and layout.
 - Assisting in the development of visual designs for a variety of materials, including presentations, logos, info-graphics, digital graphics, print collateral, social media posts. Applying design concepts to strengthen the brand's visual identity and express messages more effectively.
 - Collaborating with the graphic designing team to understand project requirements. Incorporating feedback to refine designs & ensuring that they align with the overall project goals and brand guidelines.
 - Assisting in editing and retouching images to enhance their quality and suitability for specific design purposes. Adjusting colors, crop images, remove backgrounds, and apply other modifications as needed.
 - Carrying out visual research and keep up of developing trends, industry best practises, and design trends. Applying acquired knowledge to contribute fresh and innovative ideas to design projects.
 - Providing feedback on design concepts created by others to ensure they meet client expectations and brand standards.
 - Making layouts for advertisements, brochures, magazines, or other printed materials.
 - Coordinating with team members to ensure smooth project workflow & timely delivery of design assets.
-

Digital Marketing Intern

Kshitiksha Foundation

- NGO, Greater Noida

1/05/2023 – 01/07/2023 | [Work From Home]

Roles/Responsibilities

- Assisting in developing and executing paid social media advertising campaigns. Collaborating with the team to create ad content, target specific audience segments, setting campaign objectives, and monitoring and optimizing ad performance.
- Using various tools to pull out data, assisting the marketing team and work closely with the marketing head on other SEO activities including on-page.
- Contributing to the management and upkeep of social media platforms, including the generation of content, the scheduling of postings, the tracking of engagement, and the analysis of data.
- Helping in the creation of social media strategies that will raise brand awareness, engaging with the target market, and increasing website traffic for the business.
- Generating engaging and relevant content for various digital channels, such as blog posts, website copy, email newsletters, social media posts, and advertisements.
- Ensuring that brand messaging, tone, and style are consistent across all channels.
- Working collaboratively with cross-functional teams, such as design, content, and sales, to align marketing efforts with broader company objectives.
- Supporting the team in managing digital advertising campaigns, including Google Ads, social media ads, display ads, and remarketing efforts.

Achievement - Awarded with a **Letter of Recommendation** from the company | [Click Here to view the Certificate](#)

Copywriting & Blogging Intern

Marpu Foundation

- NGO, Hyderabad

10/05/2023 – 20/05/2023 | [Work From Home]

Roles/Responsibilities

- Conducting Research on assigned topics, competitors and target audiences to gather relevant information and insights that will enhance the quality of the content.
 - Reviewing and editing written content to ensure accuracy, consistency, grammar and spelling, proper formatting, and adherence to brand guidelines.
 - Incorporating appropriate keywords and optimize content for search engine optimization (SEO) to improve visibility and ranking in search engine results.
 - Writing blog entries that are well-written, informative, and interesting on a variety of subjects related to the services and interests of the organization, which requires doing research and coming up with ideas.
 - Assisting in the creation of plans to advertise blog material via social media platforms, email marketing, and other methods of distribution.
 - Monitoring the performance of content and campaigns, analyze data and metrics, and provide insights and recommendations for improvements.
 - Engaging with the blog's audience through comments, shares, and responses on social media platforms. Fostering a sense of community and encouraging interaction with the readers.
-

National Internship in Artificial Intelligence

National Institute for Technical Training and Skill Development

- Govt. Technical Organization

01/05/2023 – 01/06/2023 | [Virtual Internship Program]

Internship Curriculum :

- Introduction to AI, History of AI, Machine Learning, Deep Learning, Natural Language Processing and Python Installation.
- Data types in Python : Standard - Numeric (int, float, complex) and Strings, Compound - Lists, Tuples, Dictionary and Sets.
- Inbuilt Functions in Python - print, input, int, float, type.
- How to take multiple inputs from the user - split(), input(), map().
- Python operators - Arithmetic, relational, bitwise, assignment, logical, membership, identity | Comments.
- Conditional statements in python : If statement, If-else statement, If-elif else ladder, Nested if-else.
- Looping statements in python : While loop and For loop.
- Module in Python - Introduction to module, Need of the modules, How to create a module.
- Built in Modules : String, Operator, Random, Math, Time and The Calendar Module.
- Installation process of modules | Different methods to install modules.
- Input function, print function and modules | Conditional Statement, loops, Modules, list.
- Lists in python - Characteristics of lists, creating a list, list indexing, slicing lists | List Comprehension.
- Methods in list - append, insert, remove, pop, clear, index, count, sort, reverse, copy, extend,
- Functions - Introduction and facts about functions.
- Exceptional Handling in Python: Introduction & difference between syntax error and exception handling.

PROJECTS :-

Project-1 : Language Translator | **Project -2** : Auto Correct | **Project -3** : Virtual Assistant (Alexa).

Robotics

Scientific Platforms and Cosmic Explorations (SPACE)

- IT Services & Consulting firm

10/03/2023 – 25/03/2023 | [Virtual Internship Program]

Internship Curriculum :

- Introduction to Robotics and Robots.
 - Types of Robots : Pre-programmed, Humanoid, Autonomous, Teleoperated and Augmenting Robots.
 - Introduction to SPACE Robochip : Transmitter pin and Receiver pin.
 - Laws and History of Robotics.
 - Knowledgebase for Robotics - Dynamic system modeling and analysis, Feedback control, Sensors and signal conditioning, Actuators & Power electronics, Hardware/computer interfacing .
 - Integrating LED and Ultrasonic Sensors.
 - Types of sensors - Vision sensor, Force sensor, Proximity sensor, Tilt Sensors and Robotic Sensor.
 - Surfing across Motor Drivers. Industrial Applications of Robots and Robots in Hazardous Environment.
 - Building, coding and Simulating an Ultrasonic Robot.
 - Building, coding and Simulating an Maze Follower Robot.
 - Building, coding and Simulating an Bluetooth Joystick Robot.
-

Content Writer

College Khabar

- Startup (News & Education)

01/02/2023 – 01/04/2023 | [Work From Home]

Roles/Responsibilities

- Preparing well-organized drafts utilizing Content Management Systems like WordPress.
- Developing different content types, including email, social media posts, blogs, and white papers on a daily basis.
- Researching industry-related topics by combining web sources, interviews, and studies.
- QC content to ensure it is free of grammatical or factual errors and follows all brand editorial guidelines for consistency.
- Writing content that is readable, relevant, answerable, and easy to read by giving the most authentic information to the reader.
- Conducting Keyword Research and finding the best quality keywords to develop content on given topics.
- Assuring all-around consistency for textual styles, pictures, fonts, and tones in the content.
- Creating and writing effective and eye-catching captions and headlines that instantly attract the interest of the users and readers.
- Editing and updating existing content according to the latest information and trends from time to time.
- Proofread content for errors and inconsistencies.
- Identifying customers' needs and recommending new content to address gaps in the startup's current content and moderating the same.

Achievement - Awarded with a **Letter of Recommendation** from the company.

[Click Here to view the Certificate](#)

Front-End Web Development Intern

FastFindFirms

- IT Consulting Firm

20/12/2022 – 15/03/2023 | [Virtual Internship Program]

Total Tenure - 3 Months (2 Months Training + 1 Month Internship)

INTENSIVE TRAINING:

Duration - 2 Months

Training Curriculum (Theory & Practical Sessions)

HTML

- Headings | Paragraphs | Links | Videos | Horizontal Rules | Line Breaks
- <PRE> Element | Nested HTML Elements | Lists (Ordered, Unordered etc)
- Tables-Cell Padding & Cell Spacing, Colspan & Rowspan | Forms | Input Types
- Elements [<input> , <label> , <select> , <textarea> , <button> , <fieldset> <legend> , <datalist> , <output> , <option> , <optgroup>]
- HTML Attributes [Target , Method , Action , src , Width and height , Value , Alt , Style , Lang , Title]
- Background Color | Formatting Elements [- Bold text , - Imp. text , <i> - Italic text , <ins> - Inserted text , <mark> - Marked text , - Span text , <small> - Smaller text , - Deleted text , <sub> - Subscript text <sup> - Superscript text , - Emphasized text]
- HTML Colors | HEX Colors | RGB and RGBA Colors | Class Attribute | Entities
- ID Attribute | Responsive Web Design | Semantic Elements

CANVAS

- Rectangles [rect() , fillRect() , c.strokeRect() , clearRect()]
- Paths [fill() , stroke() , beginPath() , moveTo() , closePath() , lineTo() , arc()]
- Text [fillText() , strokeText()]
- Drawing shapes | Making projects

CSS

- What are Cascading Style Sheets | Uses and Functions of CSS
- Difference between HTML and CSS
- Methods for adding CSS [Inline CSS , Internal CSS , External CSS]
- CSS selector [HTML tags , Class , Id] | Web safe fonts [Serif , Sans Serif]
- Colours in CSS [Colours name , HTML5 Colours names , Hexadecimal , RGB]
- Positioning in CSS [Static , Relative , Absolute , Fixed , Initial , Inherit]
- Colours in CSS [Colours name , HTML5 Colours names , Hexadecimal , RGB]
- Box Model [Padding , Margin , Border]
- Pseudo Element [First child , Last child , Nth child , Odd and even child]
- Flex Box | Animations
- Grid in CSS | Web Safe Fonts

| | |
|---------------------|--|
| <h1>BOOTSTRAP</h1> | <ul style="list-style-type: none"> • What is Bootstrap Linking it to our project Customize [Colour , Components] • Layout [Breakpoints , Containers , Grid , Columns , Z-index] • Content [Typography , Images , Tables , Figures] • Forms [Form control , Select , Check and radio , Range , Input group , Layouts Validation] • Components [Alerts , Buttons , Buttons group , Card , Carousel , Close button , Dropdowns , List groups , Nav and tabs , Navbar , Progress , Tooltips] • One website with Bootstrap |
| <h1>JAVASCRIPT</h1> | <ul style="list-style-type: none"> • What is JavaScript Uses of Javascript Types of Output • Variables and Data Types Arrays Object Literals • Methods for Strings , Arrays, objects • Loops Conditions • Functions (Normal and Arrow) Construction function • Document Object Model • DOM manipulation Events Basic Form Validation • Login form with JavaScript • Applications of Javascript |
| <h1>REACTJS</h1> | <ul style="list-style-type: none"> • Files and folders • App Component & JSX • Expressions in JSX • Creating a component Component props • Proptypes • Styling Button component • Events • Tasks components • Create a list with .map() • State and useState Hook • Global state • Task component • Icons with react-icons • Delete task and Prop drilling • Optional message if no task • Toggle reminder and conditional styling • Add form task • Form input state (controlled components) • Add task submit • showAdd task state • Button toggle • Build for production • JSON Server • Use Effect hook and Fetch tasks from server • Delete tasks from server • Add task to server • Toggle reminder on server • Routing footer and about |

INTERNSHIP:

Duration - 1 Month

Roles/Responsibilities :

- Creating and implementing the visual elements of a website or web application, including layout, navigation menus, buttons, forms, and other interactive components.
- Ensuring that the UI is responsive and works well on various devices and screen sizes.
- Writing clean and semantic HTML markup to structure web content properly.
- Styling web pages using CSS to control layout, fonts, colors, and other visual aspects.
- Writing JavaScript code to give web sites interaction and dynamic behavior.
- Building complicated web apps using JavaScript frameworks and libraries like React and Angular.
- Ensuring that web applications work consistently across different web browsers Chrome, Firefox, Safari, Edge, by testing and debugging code accordingly.
- Optimizing frontend code and assets like images, scripts, stylesheets to improve website loading times and overall performance.
- Implementing responsive web design principles to create layouts that adapt to different screen sizes and orientations. Using media queries to control the presentation of content based on device characteristics.
- Collaborating with other developers and track changes using version control systems like Git and Github.
- Building reusable code and libraries for future use.
- Collaborating closely with backend developers, designers, and other team members to ensure a cohesive user experience.
- Performing thorough testing of web pages and applications to identify and fix issues, including cross-browser compatibility and usability problems.
- Maintaining documentation for frontend code, including code comments, usage guidelines, and style guides to ensure consistency within the team.
- Keeping libraries, frameworks, and dependencies up to date to ensure security and compatibility with the latest web standards.

❖ Assignments/Projects :

- Creating Responsive Web Page Design using HTML.
- Drawing different shapes and Projects using Canvas.
- Create a React app.
- Creating a snake game using Canvas and Javascript.
- Creating a website using Bootstrap.
- Creating and designing a Personal Website.
- Creating a Website Landing Page.
- Building a Clone Website.

Achievement - Awarded with a **Letter of Recommendation** from the company.

[Click Here to view the Certificate](#)

Ethical Hacking & Cyber Security Intern

FastFindFirms

- IT Consulting Firm

20/10/2022 – 08/02/2023 | [Virtual Internship Program]

Total Tenure - 3.5 Months (2 Months Training + 1.5 Month Internship)

INTENSIVE TRAINING:

Duration - 2 Months

Training Curriculum (Theory & Practical Sessions)

| | |
|--|--|
| Introduction to Ethical Hacking & Cyber Security | <ul style="list-style-type: none">• What is Hacking? Who are Hackers? Types of Hackers• The Hackers Group Advantages and Disadvantages of Hacking• What is Cyber War? Who are Cyber Criminals What is Cyber Security? |
| Certification, Terminologies, and Phases of Hacking | <ul style="list-style-type: none">• Certification needed to become a Successful Hacker.• CEH, CHFI, ESCA, and LPT Certification (EC-Council)• Offensive Security Certification.• Important terms related to Ethical Hacking - Adware, Clone Phishing DDoS, etc.• Advantages and Disadvantages of Hacking.• Phases Of Hacking such as Reconnaissance, Scanning, Gaining Access, Maintaining Access, and Clearing Tracks. |
| Basic Networking Concepts, IP Address, Proxy Settings & VPN Uses and Importance | <ul style="list-style-type: none">• What is Internet Advantages and Disadvantages of Internet Topologies• IP Address Classes of IP Address Versions of IP Address Proxy Settings• Uses & Types of Proxy Settings How to make your own VPN• What is TOR Bundle and Network What is TOR Browse, Uses, and Functions |
| Kali Linux Introduction, Installation & Introduction to Basic Commands | <ul style="list-style-type: none">• What is Kali Linux? How to Install Kali Linux Features of Kali Linux• Setting up the lab with Kali Linux How to make it Live Bootable with Pen drive• Overviews After Installation Learning Basic Commands of Kali Linux |
| Foot Printing (Information Gathering) with Kali Linux and Termux | <ul style="list-style-type: none">• Advanced Kali Linux commands Installing Basic tools in Kali Linux• Information Gathering with inbuilt tool Information Gathering using GitHub• What is Termux How to install Emulator in Windows• Working with Emulator and Installing Termux Working with Termux• Updating & Upgrading Termux Installing basic commands & tools in Termux |
| Windows Hacking & Security | <ul style="list-style-type: none">• What are Windows Security Features What is Encryption and Decryption• Learning about Sam Security What is Bypassing the Passwords• Tools for breaking windows password Decrypting windows password• How to secure Windows Operating System |

| | |
|---|--|
| WIFI Introduction, WIFI Network Penetration, and WEP Hacking | <ul style="list-style-type: none"> • What is Wireless Fidelity Uses of WIFI in today's world • Working Principles of WIFI Technologies Types of WIFI Network • Tools for breaking windows password Decrypting windows password • How to Hack Wired Equivalent Privacy using Kali Linux and WIFI Receiver |
| WIFI Hacking with Kali Linux and WIFIslax OS | <ul style="list-style-type: none"> • Learning Kali Linux basics commands for manual WIFI Hacking (Example – AIRMN-NG, AIRODUMP-NG, AIREPLAY-NG & Aircrack-NG) • Brute Force Attack on WIFI Network Wordlist Method for Hacking • Evil-Twin Method for Hacking How to Secure a WIFI Network |
| Google Dorks | <ul style="list-style-type: none"> • What is Search Engine Important Google Hacks in Everyday Life • Terms used for Google Dorks Website for getting Google Dorks • How to get Exploits with the help of Google Dorks |
| Website Hacking & Security Basics of Penetration Testing | <ul style="list-style-type: none"> • What is Hosting & Domain Learning about Hosting and its C-Panel • Important terms related to website Dorks to find Vulnerable Website • SQL Injection Blind SQL Injection XSS (Cross-Site Scripting) • What is Penetration Testing How to secure a Website |
| DoS and DDoS Attack | <ul style="list-style-type: none"> • DoS Attack (Denial of Service) DDoS Attack (Distributed Denial of Service) |

INTERNSHIP

Duration - 1.5 Month

Roles/Responsibilities :

| Awarded with Letter of Recommendation

- **Windows Hacking and Security**
 - Bypassing and Decrypting Windows Password.
 - Breaking windows passwords using different tools.
 - Securing Windows Operating System.
- **Penetrating WIFI Network and WEP Hacking**
 - Gaining Information about WIFI and its Users, like MAC Addresses, etc.
 - Hacking Wired Equivalent Privacy (WEP) using Kali Linux and WIFI Receiver.
- **WIFI Hacking using Kali Linux and WIFIslax Operating System (WEP, WPA, and WPA/2)**
 - Hacking WIFI Network using Bruteforce Attack.
 - Attacking a WIFI Network using Wordlist Method.
 - Hacking WPA/2 Network using Evil-Twin Method.
- **DoS and DDoS Attack**
 - Securing and Safeguarding the information systems from Dos and DDoS attacks.
- **Website Hacking & Security and Penetration Testing**
 - Hacking the Website using SQL and Blind SQL Injection.
 - Hacking the website using XSS (Cross-Site Scripting).
 - Penetration Testing.

Achievement - Awarded with a **Letter of Recommendation** from the company.

[Click Here to view the Certificate](#)

Backlink Creator | Lead Scraping Intern

Guest Blogging Technology Private Limited

- Link Building Company

28/03/2022 – 01/07/2022 | [Work From Home]

Roles/Responsibilities

Project-1: Backlink Development

- Creating/Obtaining High-quality backlinks for the website on an ongoing basis through a variety of techniques, mainly using citations.
- Conducting keyword research, developing SEO strategies, and implementing those strategies to consistently increase SERP rankings and organic traffic.
- Executing backlink acquisition activities - outreach, communication, managing content creation under overall SEO strategy, mainly focusing on high DA backlinks.
- Developing optimization strategies to increase the search engine results of the website and organic growth traffic.
- Researching targeted keywords to guide digital strategies and performing on-page and off-page related activities.
- Working on Guest post outreach, resource page work, and keyword optimization.
- Keeping pace with SEO, search engine, social media, and internet marketing industry trends and developments and staying on top of changes to Google algorithms.
- Providing recommendations and executing strategies for content development in coordination with SEO goals.
- Keeping competitor analysis of link-building strategies in the record and finding ways to build quality backlinks from High Domain Authority sites.

Created more than **1500 backlinks** for the company.

Project-2: Lead Scraping

- Performing Web Scraping/Web Data extraction for extracting data from different websites and writing it in the database.
- Extracting and ingesting data from websites using crawling tools to improve the crawl or scrape analysis, reports, and data management.
- Searching websites that accept guest posting, casino guest posting, and link-building services.
- Finding emails of the websites for contacting and preparing a Google sheets database with all the links and emails.
- Finding the right websites that our team should reach out to and getting an email from different prospects.
- Entering customer and account data details from source documents within a limited timeframe.
- Reaching out to the companies through LinkedIn, Twitter, and email.
- Collaborating with marketing and sales team members to work on tasks related to lead generation.
- Recommending and implementing ways to improve data reliability, efficiency, and quality.

- Extracted more than **1000 company emails** to the database.

Content Operations Intern

Ayavazhi Technologies Private Limited

- Private Company

28/03/2022 – 03/07/2022 | [Work From Home]

Roles/Responsibilities

- Handling content pipeline operations via the “CLAN” app which is owned and operated by the company.
- Managing content pipeline in a way to make content delivery more efficient by posting various topics and opinions on different topics.
- Improving day-to-day processes such that content moderation is improved and diversity of content is increased.
- Working on influencer pipeline operations and making the process better for influencer onboarding, right from when an influencer profile is created.
- Interacting with the influencers and seeing what operations can be automated during each operational process.
- Collaborating with the content clan and helping them build processes around finding interesting questions about technology, sports, entertainment, travel, and businesses.
- Helping the Marketing team in automating the analytics process and improving funnel efficiencies.
- Learning the process of content generation, micro-journalism, and social media engagement.
- Becoming familiar with the reporting, analysis processes, and database infrastructure which is used in the app.

Achievement - Awarded with a **Letter of Recommendation** from the company.

[Click Here to view the Certificate](#)

Introduction to Automotive Industry

Automotive Research Association of India

- Ministry of heavy industries and public enterprises

15/12/2021 – 05/01/2022 | [Virtual Internship Program]

- ARAI academy & TechNovuus hosted a **VIRTUAL INTERNSHIP** program on - “**Introduction to Automotive Industry**”.
The Program aimed to provide the students with an Introduction to the Automotive Industry of India.

| Importance of Intellectual Property and Publications | |
|--|--|
| AGENDA | PROGRAM DESCRIPTION |
| Talk about the gap between Academia & Industry | Insights into how to prepare for bridging the Industry-academy gap |
| Introduction to Publications | 1-2 Hours of discussion on the importance of publications in engineering education <ul style="list-style-type: none">• Publications in conferences and journals Paid versus unpaid publications• Explore a perfect journal or publication |
| Intellectual Property | <ul style="list-style-type: none">• Patents• Designs• Trademarks• Copyrights |
| Project Report Publications | <ul style="list-style-type: none">• Best publication writing practices Learn how to respond to a reviewer for your paper• Learn how to review a research publication |
| Universal Engineering Tools – Electronic Kits for Experimentation | |
| Development Boards | <ul style="list-style-type: none">• The prominence of electronics• Role of Programming |
| Arduino Board and Microcontroller-Based System | <ul style="list-style-type: none">• Introduction to Microcontroller-Based System Microcontroller• Block Schematics Signal Conditioning Block• Actuator IDE, Editor, and Compiler |
| Programming | <ul style="list-style-type: none">• IDE Environment• Virtual Platform: TinkerCAD, Wokwi |
| Virtual Workshop | <ul style="list-style-type: none">• Ultrasound Sensor-Based Automotive Application – I• Automotive / Non-Automotive Application - II |
| Industry Expert Series | |
| 3D Printing AI/ML Basic Sciences Research for EV Beyond Engineering | A detailed description of the topics by the industry experts |

▪ **Achievement** - Shortlisted for the **Complimentary Programmable Arduino kit and Accessories** from ARAI & Technovuus.

Language Expert & Data Annotator

Bobble AI Technologies

(Talent Unlimited Online Services Pvt. Ltd)

- Private Company, Corporate Office

06/12/2021 – 06/01/2022 | [Work From Home]

Roles/Responsibilities

Project-1: Language Expert (Hindi)

- Working with the Artificial Intelligence team on the Hindi language speech recognition project.
- Manually identifying similar words from the Hindi text data for correcting the Hindi data dictionary.
- Understanding, proofreading, and editing large volumes of the script with consistent quality under stringent timelines.
- Reading through the original material, reviewing it and rewriting it, and ensuring that the meaning of the source text is retained.
- Proofreading translated texts for grammar, spelling, and punctuation accuracy and follow up with internal team members and clients to ensure translation meets their needs.
- Liaising with clients to discuss any unclear points and providing them with a correct, well-expressed final version of the translated text.
- Researching relevant phraseology to find the correct translation.
- Retaining and developing knowledge on specialist areas of translation by using the internet as the research tool throughout the process.
- Cross-referencing specialized dictionaries and translation tools to check the quality of translation.
- Networking with field experts to stay current on new translation tools and practices

Project-2: Data Annotator (Moderator)

- Working as a Moderator to annotate, and label text and audio data of the user using various internal software programs & provided tools.
 - Working closely with the Artificial Intelligence team for manual data annotation.
 - Attaching markups and comments to the audio and text data following the established procedures and precise instructions.
 - Providing feedback to the users if data is noisy or instructions are unclear.
 - Providing constructive feedback to the managers on tooling and processes for more efficient labeling, and to improve data quality.
 - Maintaining ownership of each annotation assignment and responding to any changes in procedure.
 - Evaluating metrics to help improve productivity and tackle incoming tasks within a short timeframe.
 - Collaborating with managers and other annotation specialists to help out with questions.
 - Identifying and analyzing the bugs and errors found and documenting them for review.
 - Providing constructive feedback to the manager on tooling and processes for more efficient labeling and improved data quality.
-

Sales Operations Intern

Vexom Marketing Solutions

- Digital Marketing & Advertising Brand

03/12/2021 – 03/01/2022 | [Work From Home]

Roles/Responsibilities

- Working closely with the sales department to help generate and convert marketing qualified leads into potential customers for the partner ventures.
 - Analyzing the lead generation project and checking customer rates.
 - Conducting research on target accounts for Account Executives and Sales Development Representatives.
 - Identifying, researching, and compiling leads for potential funding sources, including researching foundation databases, community leaders, local franchises, and corporate sponsors.
 - Observing and carrying out sales processes and reviewing sales performance against sales targets.
 - Performing market analysis for the sales management team.
 - Conducting desktop research for gathering information, identifying potential weaknesses, and offering improvement suggestions.
 - Expanding the knowledge database by documenting existing processes and training.
 - Bringing ideas and strategies to advance the company's unique values and vision for the future.
 - Preparing Analysis reports of various unorganized data and PowerPoint presentations for the marketing team.
-

Fundraising Coordinator

Smart India Multi Management Institute Foundation

- Private Company (NGO), Gurugram

25/11/2021 – 15/12/2021 | [Work From Home]

Roles/Responsibilities

- Identifying and coordinating with potentially interested corporate heads/schools/colleges to organize campaigns for donations.
- Providing brainstorming ideas to upgrade fundraising proposals and campaigns.
- Composing or improving the process for communication with donors, including quarterly e-mail updates for donors, thank you letters, and initial outreach to potential donors.
- Managing fundraising operations and processes, in close collaboration with HR Managers.
- Maintaining a process for tracking grants, follow up on proposals submitted, and fill in other information gaps if required.
- Working with fundraising program teams to curate, and design proposals and pitch decks.
- Collaborating with teams to submit reports on various projects within expected timelines.
- Assisting in the development of fundraising goals and soliciting funds.
- Updating donor database after processing receipts and managing gratitude communication with clients.

Achievement - Awarded with 'Star Intern of the Week' and 'Letter of Recommendation'.

[Click Here to View the Certificates](#)

**THANK
YOU!**