

SOURAV BHARDWAJ

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souravportfoliowebsite.vercel.app

EDUCATION

Malla Reddy Engineering College

B.Tech in Computer Science-IOT | GPA : 8.26

2024

TECHNICAL SKILLS

Languages : Python, Java, Embedded C, SQL, HTML/CSS, Javascript

Frameworks/Libraries : Flask, Beautiful Soup, requests, Django, React, Spring Boot, Node.js

DevOps and API Tools : Git, Github, Gitlab, Postman, Firebase

Databases/Cloud and Security Tools : SQL, PowerBI, T-SQL, MongoDB, AWS, Azure Cloud, SQL Server

Others :Data Structures and Algorithms, IOT(Arduino and Raspberry Pi)

EXPERIENCE

NeonFlake | *Software Engineer Intern*

October 2023 –April-2024

- Enhanced task tracking and management by leveraging Scrum methodologies with Asana, resulting in a 15 percent improvement in project delivery timelines and ensuring 100 percent alignment with client requirements.
- Authored detailed documentation covering clients, codebase, and development architecture, leading to a 25 percent increase in team transparency and understanding throughout the project lifecycle.
- Optimized code quality by writing efficient, reusable, and testable code, conducting regular updates and reviews, which reduced code defects by 30 percent.
- Developed and integrated hardware products using embedded C, bridging them with cloud services, which enabled seamless communication and 20 percent faster data exchange between devices and cloud platforms.

PROJECTS - (CLICK TO VIEW PROJECT)

Defence Forces Website: | *HTML/CSS, Javascript, Firebase*

Dec 2024

- Developed a website covering 3 branches of the Indian Defence Forces (Army, Navy, Air Force), including 5 categories such as equipment, history, and commands for educational and preparatory use.
- Utilized HTML, CSS, and JavaScript to create an interactive, 100% responsive interface, improving user navigation, optimizing readability, and ensuring accessibility across desktop, tablet, and mobile platforms for a seamless experience.
- Efficiently organized and analyzed more than 50 data points, presenting them in a well-structured format, and hosted the website on Vercel to ensure fast load times, scalability, and a consistent 99% uptime performance.

Realtime Weather Application: | *HTML/CSS, Python-Flask,BeautifulSoup*

Aug 2024

- Designed a weather application leveraging 5 core technologies: Python, HTML, CSS, Beautiful Soup, and Flask.
- Implemented web scraping to retrieve 5 key weather metrics: temperature, humidity, wind speed, precipitation percentage, and weather conditions, all based on user-provided city and country input.
- Achieved 100 percent accuracy in data retrieval with a rapid response time under 2 seconds.
- Deployed and hosted the application on Vercel, ensuring 99.9 percent uptime and scalability.

Photography Portfolio Website: | *HTML, CSS, Firebase*

Jun 2024

- Designed and developed a photography portfolio web application, showcasing over 50 personally clicked photos using advanced HTML and CSS techniques, with responsive design and interactive elements for an engaging user experience.
- Implemented an interactive hover feature that smoothly transitions photos from black and white to color, enhancing user engagement, visual appeal, and creating an immersive experience that encourages user interaction and exploration.
- Integrated Firebase backend to store and manage user responses from the "Contact" section, improving functionality and user feedback handling.
- Deployed the application on Vercel, achieving 99.9% uptime and fast load times for a superior user experience, ensuring high availability and smooth performance across different devices and networks, even during peak traffic periods.

Audio to Text Convert Web Application: | *HTML, CSS, React-Javascript, API*

Jan 2024

- Engineered a real-time speech-to-text web application using React and Assembly AI's API, facilitating efficient transcription for over 10 weekly users, enhancing accessibility by providing accurate transcriptions for various use cases.
- Deployed the app on Vercel, achieving a page load time of under 200ms and maintaining 99.9% uptime for high availability and performance, ensuring seamless user experience and quick access to all data across multiple devices and networks.
- Enhanced usability by incorporating a dynamic word count feature and real-time timestamps, improving user interaction by 20 percent. Integrated external APIs, demonstrating expertise in API-driven front-end development.

CERTIFICATIONS - (CLICK TO VIEW CERTIFICATE)

Microsoft Python Fundamentals

Microsoft

Microsoft Azure Fundamentals

Microsoft

Software Engineering Virtual Internship

JP Morgan

Database For Developers:Foundation and Next Level

Oracle

Python Programming

CISCO

Data Structures and Algorithms

Tutor's Campus