

Darpan YB

darpanbrahma@gmail.com | 8050725614 | Bengaluru | LinkedIn

SUMMARY

Results-driven Software Developer with expertise in Full-Stack Web Development, Software Engineering, and Machine Learning. Proficient in Python, Flask, Django, JavaScript, React.js, SQL, and Linux Bash scripting. Passionate about building scalable applications, designing RESTful APIs, and implementing machine learning models. Experienced in continuous integration and deployment, source code management, and test automation. Strong problem-solving abilities with a focus on quality assurance and product lifecycle management. Seeking opportunities to contribute to innovative projects and grow as a developer.

SKILLS

Programming Languages.

Python (Intermediate) | java Script (Intermediate) | SQL (Beginner) | HTML (Advanced) | CSS (Advanced) | Bash (Beginner)

Database

Postgre Sql (Beginner) | SQLite (Intermediate) | MySQL (Beginner) | Mongo DB (Beginner)

Web Frameworks

Flask (Advanced) | Django (Advanced) | React Js (Intermediate) | Node js (Intermediate) | Angular js (Intermediate)

Machine Learning

Neural Network | Random FOrEst | Data Vizualization | Model Training & Evaluation

EXPERIENCE

Digitar App LLP

Front-end Developer

Dec '24 - Feb '25

Bengaluru

- Collaborative Team Environment: I worked with a high-performing team led by an exceptional leader who fostered a supportive and collaborative environment.
- Impactful Projects: I contributed to 2-3 impactful projects, applying my skills to deliver high-quality frontend solutions.
- Technical Growth: This experience enhanced my technical expertise in frontend development.
- Soft Skills Development: I learned the value of effective teamwork, clear communication, and adaptability in a dynamic development setting.

Prodigy infotech

Full-stack Dveeloper

Oct '24 - Nov '24

Bengaluru

- Built dynamic web applications using ReactJS, JavaScript, Flask, HTML, and CSS.
- Designed and optimized interactive user interfaces with structured modular code.
- Improved frontend performance by implementing best practices.
- Strengthened problem-solving skills in UI/UX development.

Karunadu Technologies Pvt Ltd

AI ML Intern

Oct '23 - Nov '23

- Built an AI neural network for fruit recognition using image processing techniques.
- Developed an ML model for predicting patient treatment plans based on medical data.
- Hands-on experience with data preprocessing, model training, and evaluation.
- Collaborated with a development team, improving communication and teamwork.

Skill Disk

Python Developer

Nov '22 - Dec '22

Bengaluru

- Developed Drop Docs, a cloud storage web app using Django, HTML, CSS, and JavaScript.
- Enabled file uploads to the cloud and seamless access across multiple devices.
- Strengthened backend API integration and authentication skills.

Rooman Technologies

App Developer

Jun '24 - Apr '25

- Gained hands-on experience in the complete application development lifecycle, from UI design to backend integration.
- Learned to work with real-time databases, user authentication, and state management in application development.
- Successfully developed a functional e-commerce platform during the training, implementing features like product listing, cart management, and order processing.
- Enhanced skills in debugging, API integration, and deploying applications for cross-platform use.
- Collaborated in an agile environment, participated in code reviews, and followed best practices for maintainable and scalable code.

EDUCATION

Government Polytechnic Immadihalli Diploma , Computer Science and Engineering 60%	Jun '19 - Jul '22
HKBK College Of Engineering Engineering , Computer Science and Engineering CGPA 7.04	Jan '23 - Jun '25

PROJECTS

Crime Vizualization using Online News Paper and Machine Learning

- Developed a full-stack web application for crime analysis, enabling users to input crime details and find similar historical cases using TF-IDF and Cosine Similarity.
- Implemented features for ingesting crime data (including location, IPC sections, and punishments), storing it in a Django/SQLite database, and displaying the most similar crimes with a similarity score.
- Integrated location intelligence (geotagging) and linked crimes to relevant IPC sections and punishment descriptions for enhanced legal insight.
- Designed a custom, user-friendly dark-themed interface with button-based navigation and utilized the Django admin panel for data management.

Data Visualization Dashboard | Github

- Developed an interactive data visualization dashboard enabling users to analyze monthly sales, expenses, and profit data through dynamic charts.
- Implemented functionalities for generating various chart types using Matplotlib and Plotly, providing insightful visual representations of key business metrics.
- Integrated CSV export functionality, allowing users to easily download the visualized data for further analysis and reporting.
- Built the dashboard using Python and the Flask framework for backend logic and HTML/CSS/JavaScript for a dynamic and responsive front-end user interface.

Weather Forecast Web App | Github

- Developed a real-time weather forecasting web application allowing users to input a city and retrieve current weather information such as temperature, humidity, and conditions, leveraging the OpenWeatherMap API.
- Implemented a user-friendly interface using HTML/CSS and dynamic content rendering with Jinja2 templating for a seamless user experience.
- Integrated robust error handling to manage API responses and provide informative feedback to the user in case of issues.
- Utilized Python and the Flask framework to build the backend logic, handle user input, and process data from the weather API.

E-Commerce Web Application

- Developed a full-stack e-commerce website enabling users to browse products, add items to the cart, and complete purchases with seamless user experience.
- Built responsive front-end UI using **React.js**, incorporating dynamic product listings, filtering options, and client-side routing.
- Implemented **Node.js and Express.js** on the backend to handle RESTful APIs for product management, user authentication, and order processing.
- Integrated **MongoDB** for database operations, including CRUD functionalities for products, users, and orders.
- Ensured cross-device compatibility and optimized performance for a better user experience.

CERTIFICATIONS AND COURSES

Introduction to Bigdata and Hadoop

Ethical Hacking 101: Beginner's Guide

Python Projects

NoSQL Database

Blockchain Basics

Exploring Transaction Methodology using Blockchain