Darpan Y.B.

darpanbrahma@gmail.com | **8050725614** | **Linkedin** | **Github**

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, and SQL. Passionate about building scalable applications, designing RESTful APIs, and implementing machine learning models. A fast learner with strong problem-solving skills, seeking opportunities to contribute to cutting-edge projects and grow as a developer.

Skills

Technical Skills:

- **Programming Languages:** Python, JavaScript, SQL, HTML, CSS
- **Web Frameworks:** Flask, Django, React.js
- **Databases:** PostgreSQL, SQLite, MySQL
- **Tools & Platforms:** Git, GitHub, Docker, Postman, Trello
- **Machine Learning:** Neural Networks, Random Forest, Data Visualization
- **Web Development:** RESTful APIs, CRUD operations, Authentication & Authorization

Soft Skills:

- Problem-Solving
- Communication
- Collaboration
- Quick Learning
- Leadership
- Multitasking

Experience

Full-Stack Developer Intern | Prodigy Infotech | Bengaluru | Oct 2024 - Nov 2024
- 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.

Machine Learning Intern | Karunadu Technologies | Bengaluru | Oct 2023 - Nov 2023

- 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.

Web Development Intern | Skill Disk | Bengaluru | Nov 2022 - Dec 2022

- 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.

Education

Bachelor of Engineering (Expected 2025) | HKBK College of Engineering

Diploma in Computer Science & Engineering (60%) | Government Polytechnic Immadihalli, Bengaluru (2022)

Projects

- **REST API with Flask** – CRUD-based web app using SQLAlchemy and RESTful APIs.
- **Weather Forecast Web App** – Real-time weather updates using Flask and OpenWeatherMap API.
- **Data Visualization Dashboard** – Interactive charts and graphs displaying sales, expenses, and profits.
- **College Directory App** – Role-based access control with user authentication and CRUD operations.

Certifications

- Introduction to Big Data and Hadoop
- Ethical Hacking 101: Beginner's Guide
- Python Projects
- NoSQL Database
- Blockchain Basics
- Exploring Transaction Methodology using Blockchain