

Aravindhan B

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Career Objective

Detail-oriented Full Stack Developer with a strong foundation in frontend and backend technologies. Skilled in designing, developing, and maintaining scalable, user-focused applications. Passionate about clean code, agile methodologies, and continuous learning. Eager to contribute to innovative teams and deliver reliable, high-performance software across web and multi-platform environments.

Skills

- **Frontend Development:** Proficient in JavaScript, TypeScript, React, and Next.js for building responsive, component-based UIs. Skilled in state management with Redux and styling using Tailwind CSS. Comfortable working with Figma, Adobe XD, and Sass for modern, user-friendly interfaces.
- **Backend Development:** Experience in developing RESTful APIs with Node.js and Express. Familiar with Python for backend scripting and automation.
- **Databases:** Hands-on with MongoDB for NoSQL and PostgreSQL for relational database management, including complex queries and data modeling.
- **AI/ML Integration:** Knowledge of TensorFlow, PyTorch, NumPy, and OpenCV for ML and computer vision. Experience using Hugging Face and OpenAI APIs for intelligent features.
- **DevOps & Version Control:** Version control with Git and GitHub. Basic understanding of CI/CD and application deployment workflows.

Education

Bachelor of Computer Science (B.E)

Chettinad College Of Engineering & Technology, CGPA: 8.3
– June 2024

August 2020

Higher Secondary (HSC)

Govt. HSS, Malaikovilur, Karur, Percentage: 84

June 2019 – May 2020

Experience

Software Developer - Perspectiv Labs

July-2024 - present

- Developed and tested end-to-end multiplatform applications, ensuring seamless functionality across web and mobile environments.
- Performed UI consistency checks, input validation, and integration testing to verify frontend and backend interactions.
- Identified, documented, and tracked bugs using detailed reports with screenshots, reproduction steps, and environment details to assist with efficient debugging and resolution.

Projects

WaterMeter App

GitHub

- WaterMeter App is a cross-platform mobile solution developed with Expo and React Native, designed to help users monitor real-time water usage, receive immediate leak alerts, and access in-depth consumption analytics through an intuitive interface.
- It leverages a secure and scalable backend built with Node.js and PostgreSQL, enabling seamless data synchronization, historical trend analysis, and user notifications across devices

Depression Detection Using Machine Learning

GitHub

- The Depression Detection using Machine Learning project harnesses algorithms and data to identify depression signs early. Leveraging Python libraries like Scikit-learn, TensorFlow, and Pandas, it aims to develop accurate models for timely intervention and support in mental health.

Certifications

BigData Analytics – Infosys Springboard

Jan 2023

Python For Data Science and AI development – IBM

Aug 2024