Keerthivasan V

Full-Stack & AI Developer | B.Tech Artificial Intelligence & Data Science Student
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SUMMARY

Full-Stack and AI Developer (B.Tech AI & Data Science, CGPA 8.1) with a current Software Developer Internship using React, FastAPI, PostgreSQL, Tailwind CSS. Built and deployed 4 full-stack and mobile projects with REST APIs, JWT auth and CNN models.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, Java, Dart, SQL (MySQL)
Frontend & Mobile: React, Next.js, Vite, HTML5, CSS3, Tailwind CSS, Nativewind, React Native, Expo, Expo Router, Flutter
Backend: Node.js, Express.js, FastAPI, NestJS, Flask, ASP.NET, REST API, JWT, Prisma ORM
Databases: PostgreSQL, MySQL, MongoDB, Firebase
AI & ML: Deep Learning (CNN), Model Evaluation, NumPy, Pandas, Linear Regression, Random Forest, Gradient Boosting, ONNX, Pickle, Joblib
Cloud & DevOps: AWS, Docker, Kubernetes, CI/CD, GitHub Actions, audit-ci, Trivy, TypeScript Compiler
Tools: Git, GitHub, Postman, Firebase Authentication, Razorpay

EXPERIENCE

Software Developer Intern | PlotChoice | Remote, Chennai | Website — Jun 2026 - Present

- Worked on a real-estate startup platform where users buy and sell land online and verify its legal documents before purchase.
- Built responsive, user-friendly website features for property listings and user interactions using React, FastAPI, PostgreSQL, Tailwind CSS.

Web Developer Intern | Prodigy InfoTech | Remote — Dec 2025 - Jan 2026

- Built a Hospital Radiology AI System: CNN model predicts disease from X-ray/MRI uploads via REST API and browser UI (HTML5, CSS3, ONNX, Pickle), delivered in 1 month with Git workflows.

PROJECTS

Panimalar Smart Transit | GitHub | Website — Aug 2026 - Present

- Real-time bus tracking with driver GPS, live student/admin apps and instant alerts. *Node.js, MongoDB, Flutter, Firebase*

CGM Analytics | GitHub — Jul 2026 - Aug 2026

- Summarizes glucose reports within one minute for faster doctor review. *React, Node.js, Express, FastAPI, Vite, Tailwind CSS*

MediLong - Clinic Billing & Inventory Platform | Website | GitHub

- Clinic system with JWT auth, role-based access, billing and inventory. *Node.js, Express.js, PostgreSQL, Prisma ORM*

DiaCare+ - Diabetes Monitoring App

- Cross-platform iOS/Android app for glucose, meal and medication tracking. *React Native, Expo, Nativewind, Tailwind CSS, Node.js, MongoDB, Firebase*

EDUCATION

B.Tech, AI & Data Science | Panimalar Engineering College | CGPA 8.1 — 2024 - 2028

Class XII: SRV Higher Secondary School (2022 - 2024) | Class X: Sri Akhilandeswari Vidyalaya (2022)

LEADERSHIP

Senior Developer | MedicalScan — Oct 2025 - Dec 2025

- Led the team building a medical scan web system for hospitals and clinics.

Senior Developer | Nayaruvi

- Built a diabetes management app.

Senior Developer, QA Testing | Panimalar Smart Transit

- GPS bus tracking, app integration and instant notifications.