

PARTHIV KUMAR GUNJARI

parthivkumar.com | [linkedin:/parthiv-kumar-gunjari](https://www.linkedin.com/in/parthiv-kumar-gunjari) | [github:/parthiv-gunjari](https://github.com/parthiv-gunjari) | parthivkumargunjari@gmail.com

SUMMARY

Software Engineer with experience building full-stack web applications, backend systems, and secure, responsive real-time cloud-based platforms. Skilled in REST API design, Stripe integration, and CI/CD with Docker & GitHub Actions. Currently on **F-1 OPT**, seeking **H-1B sponsorship**, and **open to relocation anywhere in the USA**.

SKILLS

Programming Languages	JavaScript (ES6+), Python, Java, TypeScript, PHP
Frontend Technologies	React.js, HTML5, CSS3, Bootstrap, Tailwind CSS, jQuery
Backend Technologies	Node.js, Express.js, RESTful APIs, JWT, Spring Boot
Databases	MongoDB (NoSQL), MySQL, PostgreSQL, Firebase (Firestore, Realtime DB)
Cloud Platforms	AWS (EC2, S3, Lambda, RDS), Firebase, Render, Vercel
DevOps & CI/CD	GitHub Actions, Docker, Jenkins, Nginx, PM2
Integrations & APIs	Stripe, OAuth2, Nodemailer, SMTP, FCM

EXPERIENCE

Full-Stack Developer Intern, Single Point Solutions – Hyderabad, India *June 2022 – July 2023*

- Replaced outdated PHP views with fully responsive **HTML5/Bootstrap UIs**, cutting load time by **25%**.
- Built backend **REST APIs** using **PHP/MySQL**, enabling ticket syncing across 10+ dashboard modules.
- Improved mobile access for 1K+ users by optimizing layout, responsiveness, and cross-device compatibility.
- Reduced onboarding errors by **35%** through dynamic form validation and real-time input accuracy handling.
- Deployed builds via **Linux/Nginx**, configured reverse proxies, and proactively maintained codebase using **Git**.

PROJECTS

Full-Stack Restaurant Ordering & Management Platform

- Built and deployed “Parthiv’s Kitchen,” a restaurant app with 4 roles, **500+ orders**, and real-time operations.
- Designed a modular POS with timers, **PIN-secured edits**, reservations, and order flows for dine-in, to-go.
- Built a real-time **KDS** with SLA alerts, per-item cooking status, and full lifecycle control for kitchen operations.
- Added **audit logging** with before/after snapshots, roles, timestamps, and reasons to ensure **traceability**.
- Enabled **Stripe payments**, sent **580+ emails**, and set up automated CI/CD via Github on Vercel/Render.

AI-Powered Smart Farming App with Multilingual Support

- Built a smart farming app with **React Native** and **Firebase**, enabling offline crop insights and disease detection.
- Achieved **92% accuracy** across **15 classes** by training a **CNN** on **20K+ images** using **TensorFlow/Keras**.
- Enabled localized diagnostics in **3 Indian languages** using Firebase Realtime DB and Firestore.
- Sent **120+ smart alerts** with weather APIs, seasonal data, real-time push via **Firebase Cloud Messaging**.
- Authenticated **10–20 pilot users** using Firebase Auth; launched a forum for Q&A and crop image sharing.

EDUCATION

M.S. in Computer Science *2023 – 2025*

University of North Texas, Denton, TX

Coursework: Software Engineering, Web Programming, Machine Learning, AI, Database Systems, Algorithms

B.Tech in Computer Science and Engineering *2019 – 2023*

Institute of Aeronautical Engineering, India

Coursework: Operating Systems, Data Structures, Cloud Computing, Computer Networks, Python Programming