PARTHIV KUMAR GUNJARI

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SUMMARY

Full-Stack Developer skilled in building scalable web and mobile apps using React.js, Node.js, MongoDB, and Firebase. Experienced in integrating AI/ML models with TensorFlow and Keras for real-time classification and automation. Proficient in secure authentication (JWT, Firebase Auth), RESTful APIs, Stripe payments, and multilingual support. Strong in CI/CD pipelines (GitHub Actions, Docker) with Agile workflows, clean architecture, and DevOps practices.

SKILLS

Programming Languages	JavaScript (ES6+), Python, TypeScript, PHP
Frontend Technologies	React.js, React Native, HTML5, CSS3, Bootstrap, Tailwind CSS
State Management	React Context API, Redux Toolkit
Backend Technologies	Node.js, Express.js, RESTful APIs, JWT, Nodemailer
Databases	MongoDB (Mongoose), MySQL, Firebase (Firestore, Realtime DB)
Integrations & Services	Stripe (Payments, PaymentIntent), Firebase Auth, OAuth2, FCM, SMTP
Cloud Platforms	AWS (EC2, S3, Lambda, RDS), Firebase, Render, Vercel, Netlify
DevOps & CI/CD	GitHub Actions, Docker, Nginx, Jenkins, PM2
Testing & Debugging	Postman, Chrome DevTools, Jest, Mocha
Version Control	Git, GitHub
Development Practices	Agile (Scrum), SDLC, MVC, Secure Coding, System Design
Tools & IDEs	VS Code, Android Studio, Linux Terminal
Operating Systems	Linux (Ubuntu), Windows

EXPERIENCE

Full-Stack Development Intern, Single Point Solutions – Hyderabad, India   *June 2022 – July 2023*
JavaScript, PHP, Bootstrap, MySQL, REST APIs, Linux, Git, Agile

- Rebuilt and modernized internal customer support portal by transforming legacy PHP pages into responsive UIs using **HTML5**, **Bootstrap**, and modular **JavaScript**, reducing load time by 25% and improving mobile usability.

- Developed and integrated **RESTful APIs** using **PHP** and **MySQL** to manage tickets, comments, and feedback data, enabling seamless two-way communication with the frontend dashboard.

- Implemented dynamic forms with real-time input validation, improving client onboarding efficiency and reducing manual data entry errors by 35%.

- Deployed builds in a **Linux environment**, configured **Nginx** for reverse proxy, and used **Git** for collaborative version control; contributed to Agile sprint planning, Jira tracking, and code reviews alongside senior developers.

PROJECTS

Full-Stack Restaurant Ordering & Management Platform   *React.js, Node.js, MongoDB, Stripe, JWT, Render, Netlify, GitHub Actions*

- Built and deployed "Parthiv's Kitchen," a production-grade full-stack web application with separate customer and admin interfaces, optimized for mobile, tablet, and desktop platforms.

- Integrated **Stripe Elements** with the PaymentIntent API to process **47+ test transactions**, enabling secure card payments with dynamic feedback, error handling, and custom status indicators.

- Engineered seamless cart and menu workflows using **React Context API**, dynamically filtering **52+ food items** by category, availability, popularity, and stock to enhance user experience.

- Developed a secure **JWT-authenticated Admin Dashboard** with real-time order tracking, full menu CRUD, completion alerts, role-based access control, and centralized management tools.

- Automated **174 confirmation emails** and **117 pickup notifications** via **Nodemailer**, using Gmail SMTP and custom-branded HTML templates enriched with dynamic metadata.

- Simulated **$5.8K+ in test revenue** using a custom analytics dashboard with live charts, revenue insights, and top item trends, deployed via **Render + Netlify** with CI/CD pipelines through **GitHub Actions**.

AI-Powered Smart Farming App with Multilingual Support   *React Native, TensorFlow, Keras, Firebase, Firestore, FCM*

- Built a cross-platform smart farming mobile app using **React Native** and **Firebase**, supporting offline access, crop insights, and disease detection for low-connectivity regions.

- Trained a custom **CNN model** with **TensorFlow** and **Keras**, achieving **92% accuracy** across **15 plant disease classes** using the **PlantVillage dataset** (**20,639 images**).

- Implemented flower and crop identification modules to assist farmers with image-based species recognition and personalized agricultural recommendations.

- Enabled multilingual support in **3 Indian languages** using **Firebase Realtime Database** and **Cloud Firestore** for localized delivery of crop tips and diagnostics.

- Delivered **120+ intelligent alerts** using live **weather APIs**, seasonal planning calendars, and **Firebase Cloud Messaging** for timely push notifications and reminders.

- Authenticated **10–20 pilot users** via **Firebase Authentication**, and launched a real-time community forum for posting questions, sharing insights, and uploading crop-related images.

CERTIFICATIONS

AWS Certified Cloud Practitioner – Amazon Web Services	*2025*
Full-Stack Web Development with React and Angular – Udemy	*2024*
TensorFlow Developer Certificate (Beginner) – DeepLearning.AI	*2024*

EDUCATION

M.S. in Computer Science, University of North Texas, Denton, TX	*2023 – 2025*
B.Tech in Computer Science and Engineering, Institute of Aeronautical Engineering, India	*2019 – 2023*