

# PARTHIV KUMAR GUNJARI

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## SUMMARY

Full-Stack Developer with proven experience delivering scalable, cloud-native web applications using modern frontend and backend technologies. Proficient in React.js, Node.js, Firebase, MongoDB, and CI/CD pipelines. Committed to building responsive, secure, maintainable systems, with knowledge of AWS, Agile practices, and applied AI/ML.

## SKILLS

Frontend Technologies	HTML5, CSS3, JavaScript (ES6+), React.js, Angular, Bootstrap
Backend Technologies	Node.js, Express.js, PHP, REST APIs
Programming Languages	JavaScript, Python, Java
Databases	MongoDB, MySQL, Firebase (Firestore, Realtime DB)
Cloud	AWS (EC2, S3, Lambda, RDS), Firebase, Render
DevOps	Docker, Jenkins, GitHub Actions (CI/CD)
AI/ML	Scikit-learn, TensorFlow (basic), Pandas, Matplotlib, Google Colab, Jupyter
Version Control	Git, GitHub
Practices	Agile (Scrum), SDLC, Secure Coding, System Design
Tools	Postman, VS Code, Nodemailer, Stripe
Operating Systems	Linux, Windows

## CERTIFICATIONS

**AWS Certified Cloud Practitioner** — Validated core understanding of AWS services (EC2, S3), architecture, security, and cloud best practices.

## PROJECTS

### Full-Stack Restaurant Ordering and Management App

Developed and deployed a full-stack restaurant system with customer and admin interfaces.

- Built a responsive **React.js** frontend with real-time menu browsing, cart management, and order tracking using **Context API**.
- Integrated **Stripe Elements** for secure card payments with backend transaction logging via **Node.js** and **Stripe APIs**.
- Implemented a **JWT-secured admin panel** for managing menu items, order status, and visualizing sales data via dynamic **charts**.
- Deployed using **CI/CD pipelines** via **GitHub Actions**, hosting frontend on **GitHub Pages** and backend on **Render**; automated emails via **Nodemailer**.

### Smart Farming Assistance App (Multilingual)

Built a cloud-integrated mobile application to assist farmers with plant disease detection, crop insights, and supporting regional language accessibility.

- Designed and trained a **CNN model** using **TensorFlow** in **Python**, achieving 92% accuracy in image-based plant disease classification.
- Utilized **Firebase** for real-time data sync, multilingual content delivery, and secure user authentication.
- Integrated modules for **weather tracking**, crop planning, and automated notifications to enhance agricultural decision-making.
- Developed a cloud-enabled **community forum** for farmers to report issues, exchange insights, and access peer support.

## 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