PARTHIV KUMAR GUNJARI

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SUMMARY

Full-Stack Developer with proven expertise in building scalable, cloud-integrated applications across restaurant platforms, portfolios, and smart agriculture. Skilled in React.js, Node.js, Firebase, MongoDB, Stripe, and CI/CD pipelines, with strengths in AI/ML, agile methodologies, and end-to-end development of responsive, production-grade systems.

SKILLS

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

CERTIFICATIONS

AWS Cloud Practitioner: Demonstrated foundational knowledge of AWS cloud concepts, services (EC2, S3), security, architecture, and support.

Full Stack Web Development with React and Angular: Gained expertise in creating responsive web applications using React, Angular, Node.js, and Express.js, managing state, and integrating APIs.

PROJECTS

Full-Stack Restaurant Ordering and Management App
Architected and deployed a feature-rich full-stack restaurant platform with distinct customer and admin interfaces.

- Built a responsive **React.js** customer portal with intuitive menu browsing, cart management, and real-time order tracking using **Context API** and **HashRouter**.
- Integrated **Stripe Elements** for secure, real-time card payments with live status updates and backend transaction logging via **Stripe Web APIs**.
- Developed a **JWT-secured admin dashboard** to manage menu items, track orders, update statuses, and monitor sales metrics.
- Automated transactional communication using **Nodemailer** with styled HTML email templates for order confirmation and completion.
- Visualized revenue trends and top-performing items using dynamic **bar charts** (daily/weekly/monthly/custom).
- Deployed frontend via **GitHub Pages** and backend on **Render**, with **CI/CD pipelines** managed through GitHub Actions and environment-based configuration.

Full-Stack Developer Portfolio Website
Designed and launched a production-grade portfolio to showcase projects, technical expertise, and backend integration.

- Built a modular **React.js** frontend with animated section transitions, scroll-based navigation, and mobile responsiveness.
- Implemented a dynamic contact form with backend email delivery powered by **Node.js**, **Express.js**, and **Nodemailer**.
- Deployed frontend on **Vercel** and backend APIs on **Render**, with CI/CD automation via **GitHub Actions**.

- Enhanced SEO, performance, and accessibility through semantic HTML, image optimization, and lazy loading techniques.

Android Application for Assisting Farmers in Regional Languages

Built a multilingual smart farming app to support crop health monitoring, agricultural planning, and community support.

- Trained a **CNN model** achieving 92% accuracy for crop disease detection and integrated image-based plant identification.
- Developed modules for real-time **weather tracking**, crop recommendations, and personalized alerts.
- Used **Firebase** for real-time data sync, multilingual content delivery, and secure user authentication.
- Added a community forum enabling peer-to-peer issue reporting, discussion, and support among farmers.

EDUCATION

Master of Science in Computer Science, University of North Texas   2023 - 2025
Bachelor of Technology in CSE, Institute of Aeronautical Engineering   2019 - 2023