Charles Raja

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Portfolio: https://charlesrajar-portfolio.netlify.app

# Career Objective

Final-year Electronics and Communication Engineering student (2025 pass-out) with strong foundation in software development, full-stack engineering, data structures & algorithms, and cloud technologies. Passionate about building scalable software and eager to contribute to S&P Global's IMPACT Graduate Program. Highly adaptable with a rapid learning mindset, ready to specialize across multiple technology domains and solve real-world challenges.

# Education

Bachelor of Engineering in Electronics and Communication Engineering  
University College of Engineering - Anna University, Ramanathapuram  
Graduation Year: 2025  
CGPA: 8.1  
  
Higher Secondary Education  
National Matric Higher Secondary School, Kalakad  
Percentage: 80%

# Technical Skills

- Programming Languages: Java, JavaScript, TypeScript, Python, C++  
- Backend Technologies: Spring Boot, Spring Security, Django, Node.js, REST APIs, JWT, Microservices  
- Frontend Technologies: HTML, CSS, Tailwind CSS, React.js, Next.js, Angular, Redux Toolkit, React Native, Axios, MUI  
- Databases & Tools: MySQL, MongoDB, PostgreSQL, Postman, Git, Docker, JUnit, Mockito  
- DevOps & Cloud: Basic knowledge of AWS (EC2, S3), CI/CD pipelines, Docker, GitHub Actions, Jenkins  
- Concepts: OOPS, Design Patterns, SDLC, OOAD, Multithreading, Agile Methodology, Unit Testing, Pair Programming, Code Reviews  
- AI/ML: Scikit-learn, OpenCV, Basic ML model development

# Projects

1. Food Ordering Website  
Tech Stack: Java, Spring Boot, JWT, MySQL, React, Redux, Tailwind CSS, MUI, Stripe  
- Built a full-stack application for local restaurants. Implemented RBAC, Stripe payments, and optimized state handling with Redux, reducing API calls by 40%.  
  
2. Multi-Vendor E-commerce Platform  
Tech Stack: Java, Spring Boot, Spring Security, MySQL, React, TypeScript, Redux Toolkit, Razorpay & Stripe  
- Vendors manage products/orders; Admin oversees sellers and analytics dashboard via React Chart. Secure multi-currency payments included.  
  
3. Face Recognition-Based Attendance System  
Tech Stack: Python, OpenCV, Firebase  
- Developed a smart attendance system using face detection. Integrated cloud storage and real-time entry tracking using Firebase.

# Certifications

- Programming in Core Java – Infosys Springboard  
- AWS Cloud Practitioner Essentials – [Planned or in progress]  
- Introduction to Machine Learning – [Planned or in progress]  
- Agile with Jira – [Planned or in progress]

# Internship Experience

Software Developer Intern – Roriri Software Solutions Pvt. Ltd, Tirunelveli  
Aug 2024 – Sep 2024  
- Developed REST APIs using Spring Boot. Used JUnit and Mockito for unit testing. Collaborated in an Agile team for rapid development cycles.

# Soft Skills

- Excellent communication and collaboration  
- Fast learner with strong analytical skills  
- Team leadership and adaptability  
- Critical thinking and time management

# Declaration

I hereby declare that the information given above is true to the best of my knowledge and I am committed to learning and upskilling continuously to align with role expectations.