

ARYAN RAJ

Software Developer (Java – Backend Systems)

✉ rajaryan.codes@gmail.com

📞 +91 82529 78581

🌐 github.com/AryanDevCodes

in linkedin.com/in/rajaryanse

TECHNICAL SKILLS

Programming Languages	Frontend Technologies
Java, Python, SQL JavaScript, TypeScript Core Java, Advanced Java	React.js (JavaScript & TypeScript) HTML5, CSS3, Tailwind CSS Framer Motion, ShadCN/UI, Thymeleaf
Backend & Frameworks	Databases
Spring Boot, Spring MVC Spring Data JPA, Spring Security Flask, REST APIs, WebSockets	PostgreSQL, MongoDB MySQL, Oracle SQL, H2 Database Database Design & Optimization
Cloud & DevOps	Tools & Technologies
AWS (EC2, RDS), Docker Vercel, Netlify CI/CD Basics, Linux	Git, GitHub, Maven IntelliJ IDEA, VS Code, Postman JUnit, Mockito, Agile/Scrum
Core Concepts & Architecture	Specialized Skills
Object-Oriented Programming Data Structures & Algorithms Microservices, Design Patterns CRUD Operations, MVC Architecture	JWT Authentication Role-Based Access Control Real-time Communication Systems State Management, Kanban Workflows

EXPERIENCE

Java Development Intern

May 2024 – Jun 2024

Coding Raja Technologies

Remote

- Developed **3+ Java GUI desktop applications** using **Swing/JavaFX** frameworks, implementing MVC architecture and event-driven programming for responsive user interfaces
- Designed interactive UI components including forms, tables, and custom dialogs with **database integration** (JDBC) for CRUD operations and real-time data visualization
- Collaborated with **5-member remote team** using Git workflows for version control, participating in **15+ code reviews**, daily standups, and agile sprint planning sessions

MAJOR PROJECTS

Syncora – Team Collaboration Ecosystem | Spring Boot, React TS, Ably, Zegocloud, PostgreSQL, AWS



- Architected comprehensive real-time collaboration platform featuring multi-user chat, voice and video conferencing, and collaborative whiteboard capabilities using Ably Realtime and Zegocloud integration, designed to serve 100+ concurrent users
- Implemented multi-workspace management system with JWT-secured access control and role-based permissions across organizational units ensuring data isolation and compliance
- Built task management module with file storage and low-latency synchronization enabling seamless collaboration for distributed teams across multiple time zones

HRMS – Human Resource Management System | *Spring Boot, React TS, PostgreSQL, JWT, Tailwind CSS*



- Developed enterprise-grade HR system with Employee Self-Service Portal and automated attendance tracking including visual indicators (red/green) for live status
- Implemented leave management, payroll processing, tax calculations, document management, and expense tracking with receipt uploads
- Designed four-tier role hierarchy (Admin → HR → Manager → Employee) with granular permissions and audit logging
- Built integrated email notification workflows for approvals, payroll alerts, reminders, and employee greetings

CIVIGUARD – Smart Crime Reporting System | *Spring Boot, React TS, PostgreSQL*



- Engineered secure crime reporting system with JWT authentication for Admin, Officers, and Public users
- Developed real-time dashboards with analytics, automated notifications, and advanced search/filtering with geo-visualization
- Implemented 18+ modular REST API endpoints with validation and error handling
- Created Recharts-based visual insights for pattern analysis and strategic resource planning

ADDITIONAL PROJECTS

Fashion Recommendation System | *Flask, React, ML, Computer Vision*: Developed AI-powered application using machine learning algorithms and image analysis to detect user skin tones and recommend personalized clothing combinations with suitable color palettes, achieving 70%+ classification accuracy

Task Management Application | *React, Spring Boot, MongoDB*: Built Kanban-style task manager with drag-and-drop functionality, real-time updates using WebSockets, team collaboration features, and priority-based sorting

Customer Management Dashboard | *React, Tailwind CSS*: Created responsive customer data dashboard with full CRUD operations, advanced filtering capabilities, data visualization charts, and export functionality

EDUCATION

Jai Narain College of Technology (RGPV University)

Bhopal, MP

B.Tech in Artificial Intelligence and Machine Learning

2022 – 2026

- **CGPA: 7.30**
- Relevant Coursework: Data Structures & Algorithms, Operating Systems, Database Management Systems, Machine Learning, Deep Learning, Software Engineering, Cloud Computing

CERTIFICATIONS

Certification Name (Clickable)	Provider / Year
Core Java – PrepInsta	PrepInsta (2024)
Java Development Internship – Coding Raja	Coding Raja Technologies(2024)
AWS Academy Graduate: Machine Learning Foundation	AWS (2023)
AWS Academy Graduate: Cloud Foundation	AWS (2023)
Java Spring Boot Basics – Infosys SpringBoard	Infosys (2024)
Spring MVC – Infosys SpringBoard	Infosys (2024)