

Giraka Ajay

Java Full Stack Developer | Spring Boot | AWS | Azure

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SUMMARY

Electronics and Communication Engineering graduate with strong foundation in Java full-stack development. Proficient in Spring Boot, React.js, and REST API development with hands-on experience in building scalable web applications. Skilled in microservices, database design, and cloud deployment. Seeking to contribute technical expertise and problem-solving skills to develop efficient software solutions.

SKILLS

Programming Languages: Java, Python Server Pages

Front-End: HTML, CSS, JavaScript, React.js

Back-End: Java 8/11/17, Spring Boot, JDBC, Hibernate, REST API

Databases: SQL, MySQL, PostgreSQL

Tools & DevOps: Git, Docker, Microservices, JIRA, Azure, AWS(EC2), CI/CD, Selenium(Basics)

Others: Data Structures, Algorithms, Problem-Solving, Microcontrollers, OOPs

PROJECTS

Geo Pay – A Modern Approach for Toll Collection with GPS Automation

- Developed a Spring Boot backend with RESTful APIs to handle user authentication, merchant profiles, and transaction processing, integrating Razorpay payment gateway for secure payments.
- Implemented Google Maps API integration in the React.js frontend to display nearby merchants based on user's geolocation, with real-time distance calculations and filtering.
- Designed a secure JWT-based authentication system with role-based access (User/Merchant/Admin), ensuring protected routes and API endpoints.
- Built a responsive and intuitive UI using Material-UI and React Router, creating separate dashboards for users, merchants, and administrators.
- Optimized database queries in MySQL and implemented Redis caching for frequently accessed merchant data, reducing API response time by 40%.
- Containerized the application using Docker and deployed on AWS EC2, ensuring scalable and consistent environment deployment.

Weather Forecast App

- A responsive weather application with location-based forecasts
- Built with React.js and OpenWeather API for real-time weather data
- Implemented geolocation API for automatic location detection
- Created responsive design using CSS Grid and Flexbox
- Added temperature unit conversion (Celsius/Fahrenheit) and 7-day forecast
- Implemented error boundaries and loading states for better UX
- Used Context API for global state management of user preferences
- Deployed on Netlify with continuous integration from GitHub

EDUCATION

B.Tech in Electronics and Communication Engineering, Srinivasa Ramanujan Institute of Technology (GPA: 8.3)

Dec '21 — Apr '25
Anantapur, India

AP Intermediate(XII) in MPC, Sri Vasavi Junior College (GPA: 80)

May '19 — Jun '21
Dharmavaram, India

AP SSC (10th Grade), B.S.R Municipal (boys) High School (GPA: 9.7)

Jun '18 — Jun '19
Dharmavaram, India

INTERNSHIPS

Software Development Intern

Thopstech Institute of Pvt. Ltd

Jun '25

Developed and tested full-stack features using **Java, Spring Boot, HTML, CSS, and JavaScript**.

Built and integrated **REST APIs** with frontend components for smoother workflows.

Debugged backend modules to enhance performance and fix system issues.

Worked with **MySQL** for CRUD operations and basic query optimization.

Collaborated using **Git/GitHub** and supported deployment & environment setup.

Trainee – Java

Besant Technology

Oct '24 — Mar '25

Bangalore

Performed manual and automated testing using **Java + Selenium WebDriver**.

Created and executed test cases, test scripts, and UI automation workflows.

Used **TestNG/JUnit** for structured test execution and reporting.Identified and logged defects using **JIRA**, coordinating with developers for fixes.

Implemented POM, XPath, and CSS selectors to build maintainable automation scripts.

STRENGTHS

- ◆ Strong Verbal & Written Communication
- ◆ Logical & Analytical Thinking
- ◆ Quick Learner & Adaptable
- ◆ Good Presentation & Team Collaboration

CERTIFICATIONS

[Java Full Stack](#), Besant technology[Google Cloud Careers Readiness Associate Cloud Engineering Track](#), Google Cloud[AWS Academy Graduate](#), AWS Academy Cloud Foundations[Azure Certifications](#), Microsoft**DECLARATION**

I hereby declare that the information provided above is true to the best of my knowledge and belief. I shall be responsible for any discrepancies found in the future.