

S Balaji

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PROFESSIONAL SUMMARY

Currently working as a Programmer Analyst specializing in Java Full Stack Development with hands-on experience in building scalable web applications using React, Spring Boot, and Microservices architecture. Proficient in developing RESTful APIs, following SDLC and Agile methodologies, and implementing robust backend solutions using Spring Framework, Spring Security, Spring Data JPA, and Spring REST. Skilled in version control with Git/GitHub, code quality assurance using SonarQube, and test-driven development with JUnit. Additionally, I bring prior experience in IT support, including hardware and network troubleshooting, system performance optimization, and vendor management, contributing to improved operational efficiency and reduced downtime.

EXPERIENCE

Cognizant Technology Solutions Pvt Ltd

Chennai, TN

Programmer Analyst – Java Full Stack Developer

March 2025 - Present

- Developed and maintained secure, scalable RESTful APIs using Java Spring Boot, with a focus on Spring Security. Implemented JWT-based authentication and custom security filters, enhancing application security by 30% and ensuring seamless token validation between backend and React frontend.
- Built responsive and dynamic user interfaces using React, React Hooks, and React Router. Integrated Bootstrap to ensure mobile-first design and cross-device compatibility.
- Wrote comprehensive unit and integration tests using JUnit and Mockito, achieving over 85% code coverage and ensuring robust, bug-free deployments.
- Utilized Maven for project build and dependency management, and Postman for thorough endpoint testing and debugging across modules.
- Employed Git and GitHub for version control and collaborative development. Maintained code quality and standards using SonarQube, Lombok, SLF4J, and followed Agile methodologies.

Chennai Metco Pvt Ltd

Chennai, TN

System and Network Engineer

July 2021 - Jan 2022

- Provided technical support for hardware, networking, and printers across departments, improving overall system performance by 25% through the HelpDesk support system.
 - Managed data backups and resolved issues to ensure smooth operations and safeguard critical business data.
 - Enhanced network performance by installing new routers, switches, and Wi-Fi extenders, improving network speed and reliability by 20%, positively impacting overall staff productivity.
 - Managed IT inventory, vendor negotiations, and ensured timely delivery and payment processing for equipment purchases. Reduced downtime by 60% through proactive issue resolution.
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EDUCATION

- Dr. MGR Educational and Research Institute 2025
B.Tech Information Technology - CGPA-8.39
- Murugappa Polytechnic College 2021
Diploma in Computer Engineering - 89.78%

- Spartan Matriculation Hr Sec School
SSLC - 82.4%

2018

TECHNICAL SKILLS

Backend Development:

- Java, Spring Boot, Spring Framework, Spring Data JPA, Spring REST, Spring Security (JWT, Security Filter Chain, RBAC & CORS), RESTful API Development, Microservices Architecture, Maven, Lombok and SLF4J.

Frontend Development:

- React.js, React Hooks, React Router, Bootstrap, HTML5, CSS3 and JavaScript

Testing & Debugging:

- JUnit, Mockito, Test-Driven Development (TDD), Postman, Debugging , Log Analysis and Eclipse Debugging

Version Control & CI/CD:

- Git, GitHub, SonarQube (Code Quality), Agile Methodologies (Scrum)

Cloud & DevOps:

- AWS (EC2, RDS), Deployment & Configuration, Basic DevOps Practices

Database Management:

- MySQL, Windows & Linux Environments, RDS Integration

Other Tools & Technologies:

- HelpDesk Systems, Network Troubleshooting, IT Inventory Management

PROJECTS

- **1. Birthday Wisher App**

Developed a fun, interactive birthday greeting app where users are welcomed with cheerful images and engaging questions. The app fosters user interaction through checkboxes and dialogue boxes, strengthening the bond between friends and family during special celebration, the complete app was developed using MIT App Inventor.

- **2. UrbanFix**

UrbanFix project aims to create a platform where people can easily report street-related problems, such as potholes, broken streetlights, or garbage dumping. Users will be able to submit their reports through a website, providing details about the issue and its location. The platform is seamlessly integrated using HTML, CSS and JS as Front-End and Java-JSP, Servlets and Mysql as Back-End Technologies.

- **3. MediConnect – Secure Healthcare Appointment Management System**

Developed a secure and scalable Healthcare Appointment Management System using Java Spring Boot and React.js, aimed at simplifying doctor-patient interactions. Worked on key modules Including Doctor Availability, Consultation, and Spring Security, Implementing JWT authentication and custom Security Filters that increases application safety by 30%. Built responsive UI components with React Hooks, React Router, and Bootstrap, ensuring seamless user experience. Used JUnit, Mockito, and Postman for testing and debugging, and managed code quality with SonarQube, Git, and Maven.

CERTIFICATIONS

- Learn Ethical Hacking from Scratch 2024, Udemy
- JSP, Servlets & JDBC for Beginners, Udemy
- Java Servlet, JSP & Hibernate: Build eCommerce Website, Udemy
- Full Stack Java Developer (Spring Boot + JSP + JavaScript), Udemy
- Workshop on Cloud & DevOps, Tecxpera Technologies
- Workshop on RPA Using UiPath (6 Days)

AWARDS

- Overall Topper in 2nd and 3rd Year during the Academic Year 2020-2021
- Awarded 1st Prize for Anti-Ragging and Breast Cancer Awareness Contest 2024 by MGR YUVA Chapter for leadership and contribution to social awareness.