ABINESH R

SOFTWARE ENGINEER | JAVA DEVELOPER

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SUMMARY

Seeking a Java Developer position with 1.5 years of experience in a fast-growing organization to utilize expertise in software development, testing, deployment, and support using agile development methodologies. I have well-honed skills in computer science and excellent communication skills.

SKILLS

- Core Java
- Java 23
- MicroServices
- Spring boot
- Spring MVC
- Spring Data JPA
- PostgreSQL
- JUnit
- Maven Dependencies
- Restful API

TOOLS

- Intellij
- PostgreSql
- Postman
- Git
- Microsoft Azure Devops

EXPERIENCE

Java Developer
Lixo Technologies

April 2024 - Present, Chennai

HyperSkool:

- Design API Endpoints: Design endpoints for user registration and authentication.
- Implement Error Handling: Implement robust mechanisms to provide informative error messages in case of validation failures,
- incorrect credentials, or server errors.
- Responsible for writing test cases for each business logic using the Junit tool in the form of JSON requests and responses.
- REST API Development Creating Restful API for each microservices
- Deployed the applications to our local server after the Maven build.
- Checking the HTTP requests of services using the Configured for Postman tool.
- Developed RESTful APIs using Spring Boot and Spring MVC for handling HTTP requests.
- Enthusiastic about Agile methodologies and experienced in collaborative software development.
- Created and managed Docker containers for local development and testing, ensuring each microservice runs in isolated environments with specified ports and resources.
- Packaged Spring Boot microservices into Docker containers for consistent development and deployment across environments.

Associate Consultant
Intellect Design Arena

Octobar 2023 - November 2023, Chennai

Internship:
- During my internship, I enhanced my management skills and learned how to collaborate effectively within the organization to address current challenges. I also gained valuable technical expertise, including Java, through my experience in the Fintech sector.

PERSONAL PROJECT (BACKEND)

NextHood (August 2025 - Present) – View Project

- Built a Spring Boot based microservices application allowing citizens to digitally report local issues (potholes, garbage, streetlights, suspicious activity) with geo-tagged photos.
- Implemented fine-grained RBAC (Role-Based Access Control) using Spring Security with hierarchical roles (Resident → Volunteer → Admin).
- Secured authentication workflows using JWT tokens and stateless session management.
- Implemented issue life-cycle management with status tracking, assignment, comments, and real-time updates.
- Developed community feedback features (up-vote/down-vote, moderation, discussion) to prioritise recurring incidents.
- Integrated email notifications for stakeholders on status changes using JavaMailSender.
- Wrote unit test cases using JUnit5 and Mockito to validate key business workflows and ensure reliability.
- Containerised individual services using Docker and verified behaviour locally before deployment.
- **Technologies:** Java 21, Spring Boot, Spring MVC, Spring Security, MySQL, Spring Data JPA, Mockito, JUnit, Docker

StudentCart (June 2025 – August) – [View Project](#)

- Developed a smart document submission platform enabling remote file uploads to reduce crowding at xerox shops.
- Implemented secure JWT-based login using Spring Security for user authentication.
- Designed Modulith architecture with Spring MVC for clean module separation.
- Integrated MySQL with Spring Data JPA for efficient document and user data management.
- **Technologies:** Java 21, Spring Boot, Java Modulith Architecture, Maven, Restful APIs, Junit, Spring MVC, Spring Data JPA,
- Spring Security, MySQL, Data Structures.

FieldGuard (March 2025 – June 2025) – [View Project](#)

- Modernized version of NREGA Mobile Monitoring App.
- Smart field attendance and worker documentation system.
- Developed using Spring Boot with Java Modulith architecture.
- Designed APIs and implemented JUnit test cases.
- **Technologies:** Java 21, Spring Boot, Java Modulith Architecture, Maven, Restful APIs, Junit, Spring MVC, Spring Data JPA, MySQL.

Banking Application (March 2024 – April 2024) – [View Project](#)

- Developed as part of personal learning to understand backend banking systems. Created RESTful API endpoints to simulate real banking operations.
- Explored Microservices architecture and backend integration.
- **Technologies:** Java 17, RESTful APIs

EDUCATION

Bachelor of Engineering – Computer Science
Rajalakshmi Institute Of Technology·Chennai·2023·

CGPA-7.47
August 2019 –May 2023

CERTIFICATION

November 2023

Udemy – Java 17 Masterclass Course