

Sakshi

Java Backend Developer

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SUMMARY

Senior Software Engineer / Backend Java Developer with **3+ years of experience** building enterprise backend applications using **Java 17**, **Spring Boot**, and **Spring Security**. Experienced in **microservices** and **monolithic architectures**, **REST API development**, **AWS cloud deployments**, and **PostgreSQL**. Proven ability to fix **security vulnerabilities**, develop **business-critical modules**, and provide **production support** in **Agile environments**.

PROFESSIONAL EXPERIENCE

Sopra Steria

Jun 2025 – Present

Senior Software Engineer

- Working on backend development for enterprise applications using **Java 17**, **Spring Boot**, and **Core Java** across microservice and monolithic architectures.
- Fixed critical **security vulnerabilities** using **Spring Security**, improving application safety and compliance.
- Designed and developed **3 new functional modules** based on business requirements and stakeholder inputs.
- Provided **production support** for legacy systems by debugging and resolving high-priority issues to ensure system stability.
- Supported **AWS deployments**, environment setup, and backend configuration for cloud-based applications.
- Worked with **PostgreSQL** to optimize queries, perform schema updates, and improve database performance.
- Integrated backend APIs with **Ext JS** and **Angular** frontend applications.
- Collaborated with **frontend**, **QA**, and **DevOps teams** to deliver features and releases on time.
- Actively participated in **Agile ceremonies** including sprint planning, daily stand-ups, reviews, and retrospectives.

Mediquity Technologies Pvt Ltd

Dec 2023 – Jun 2025 | Bhopal, India

Software Developer

- Built 20+ **REST APIs** using **Spring Boot** to improve communication between services and speed up responses.
- Implemented **JWT** and **OAuth 2.0** for secure user access, handling over 1K sessions with improved safety.
- Integrated **ABHA** to securely exchange 1,000+ patient records across healthcare platforms.
- Optimized **Kafka** pipelines to handle real-time data more efficiently, cutting delays by 40%.
- Automated PDF report creation with **Apache PDFBox**, saving 8+ hours of manual work each week.
- Participated in Agile Scrum activities like daily stand-ups, sprint planning, and led 3 team review meetings to improve team efficiency.
- Worked closely with QA, frontend to deliver features on time under tight deadlines.
- Fixed 15+ urgent production issues using debugging tools, ensuring application reliability.
- Reviewed code and tuned database queries to boost API speed by around 25%.

PROJECTS

Sickle Cell Disease Management System

Dec 2024 – Present

Java | Spring Boot | MySQL | REST APIs | Flutter | ABHA

Integration

- Improved **RESTful APIs** for a Flutter-based mobile and web application to efficiently manage Sickle Cell Disease cases.
- Ensured seamless integration between **mobile, web, and backend services**, improving accessibility and performance.
- Applied **ABHA** (Ayushman Bharat Health Account) integration for secure patient data management and interoperability.
- Enhanced **MySQL** database to store and manage patient records, medical histories, and treatment data.
- Worked together with a **team of 4 developers** to deliver a scalable and maintainable healthcare solution.

- Working on the project for the **Sikkim Government** to enhance disease tracking and patient care.

Hub and Spoke Model & Bharat Lab (Healthcare & Lab Management System)

Sep 2023 – Present

Java | Spring Boot | MySQL | Kafka | Jasper Reports | Apache PDFBox

- Expanded a **centralized hospital & lab management system** to streamline healthcare operations across multiple hospitals and labs.
- Designed and implemented **RESTful APIs** for user registration, appointment scheduling, and lab test management.
- Fine-tuned **MySQL database schema** to efficiently manage patient records, medical histories, and lab test data.
- Integrated **Jasper Reports & QC Reports** to generate dynamic analytics and improve decision-making.
- Worked on **Kafka-based real-time data streaming** for seamless data synchronization across multiple locations.
- Automated **PDF report generation** using **Apache PDFBox**, reducing manual workload and improving efficiency.
- Applied the **Hub-and-Spoke model**, centralizing diagnostic services at the "Hub" while connecting smaller healthcare centers ("Spokes") for better accessibility.
- United with a **team of 8 developers** to ensure a scalable and maintainable architecture.
- Delivered solutions aligned with government healthcare standards for the **Madhya Pradesh Government**.

SKILLS

Languages: Java, JavaScript

Frameworks: Spring Boot, Spring Security, Hibernate, JPA, JDBC, Spring Data JPA, Spring MVC

Database: MySQL, PostgreSQL, Query Optimization, Indexing

Tools & Platforms: Kafka, Keycloak, Vault, Apache PDFBox, Jasper Reports, Git, Maven

Cloud & DevOps: AWS (EC2, S3, RDS), Jenkins, Docker, Webhooks

Concepts: REST APIs, OAuth2.0, JWT, Microservices, Monolithic, CI/CD

Soft Skills: Problem Solving, Adaptability, Team Collaboration, Quick Learner

EDUCATION

Uttanchal University
Master of Computer Applications

Aug 2023 – Aug 2025 | Dehradun, India

Indira Gandhi National Open University
Bachelor of Science in Mathematics

Jan 2014 – Feb 2019 | New Delhi, India

COURSES

Full Stack Web Development (Full Time)
Masai School

Sep 2022 – Aug 2023 | Bangalore, India

ACHIEVEMENTS

Rising Star Performer Award 
Awarded the "Rising Star Performer" certificate for outstanding contributions and exceptional performance within the company.