



Aarti Kumari

Java developer

Self-motivated and detail-oriented Java Full Stack Developer with solid experience in building scalable applications using Java, Spring Boot, Maven, and REST APIs. Proficient in software design, object-oriented principles. Passionate about solving real-world problems and committed to continuous learning and innovation. Seeking entry-level development opportunities to grow and make a meaningful impact.

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PROJECTS

Banking Application

07/2025-09/2025

Achievements/Tasks

- **Designed** and implemented a **RESTful banking system** using Spring Boot, providing comprehensive account management capabilities.
- **Implemented** secure **transaction services** for deposits, withdrawals, and fund transfers with **transactional safety**.
- Integrated JPA, MySQL and added validation, exception handling, and audit logging.
- Implemented JWT authentication, role-based access, and secured APIs with BCrypt and request filtering.
- **Technologies Used:** Java, Spring Boot, Spring Data JPA, Postman, Spring security, MySQL, Maven, Postman

Secure Shopping Preferences Using Differential Privacy

04/2024- 09/2024

Achievements/Tasks

- **Developed** a privacy-preserving **online banking system** that safeguards users' shopping and transaction preferences using **differential privacy**.
- **Implemented O-DIOR and R-O-DIOR** schemes to perturb consumption amounts with calibrated noise while satisfying formal DP guarantees and **privacy loss** less than 0.5.
- **Designed and integrated** modules for **Admin, User, and Merchant**, enabling secure login, authorization, credit card/account management, product ranking, and privacy-preserving search & purchase.
- Conducted experiments with multiple user groups to evaluate the **privacy-utility tradeoff**, ensuring strong confidentiality with minimal impact on usability.
- **Technologies Used:** Java, J2EE, MySQL, JDBC, NetBeans, Apache Tomcat, MVC architecture

CERTIFICATIONS

Java Full Stack Developer — KodNest

Google Cloud Computing Foundations — NPTEL

SKILLS

Data Structure

Algorithms

Core Java

OOPS

Multithreading

Collections Framework

Spring

Advance Java

Spring Boot

RESTful API

Microservices

Hibernate

Spring MVC

SDLC

Agile software development

CI/CD Integration

Debugging

Coding

Maven

Git

Github

AWS

Postman

Servlets

WebServices

RDBMS

MySQL

Google Cloud Platform

Analytical Problem solving

Kafka

Docker

INTERNSHIP EXPERIENCE

Husys consulting limited (10/2025 - Present)

- **Developed** and implemented a microservices architecture using Spring Boot and Docker, leading to a 50% reduction in deployment time.
- Contributed to opensource software projects, sharing knowledge and collaborating with the senior developer community.

KodNest (03/2025 - Present)

- **Position: Java Full stack Developer Intern**
- **Developed** full-stack web applications using **Java**, **Spring Boot** and **MySQL** focusing on backend logic, RESTful API design.
- Gained hands-on experience in building real-world enterprise applications using **MVC architecture**, **Spring Data JPA**, and **Spring Security**.

Valuepitch pvt. ltd (09/2023 - 12/2023)

- **Position: Software Engineer Intern**
- **Developed** a secure authentication module in **Python**, increasing platform compliance with industry standards.
- Engineered a UI-driven module to detect and mitigate misinformation on social platforms.

EDUCATION

M.C.A

Sir M.Visvesvaraya Institute Of Technology

08/2022 - 08/2024

CGPA : 8.68 , Bangalore