Abhishek Kumar

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Professional Summary

Computer Science graduate with hands-on experience in Java backend development, Spring Boot microservices, and AWS cloud deployment. Skilled in building secure REST APIs, designing scalable systems, and implementing containerized applications with Docker and CI/CD pipelines. Strong foundation in databases, Linux, and core computer science concepts, seeking entry-level opportunities in Java Backend Development or Cloud/Technical Support.

Education

Bachelor of Technology in Computer Science   2025

LNCT University

CGPA: 7.6

Technical Skills

Languages: Java 17, SQL

Backend Development: Spring Boot, Spring MVC, Spring Data JPA, Hibernate, REST APIs, Microservices

Security: Spring Security, JWT Authentication, Role-Based Access Control

Databases: MySQL, PostgreSQL

Cloud & DevOps: AWS (EC2, S3, VPC), Docker, Jenkins, Linux

Tools: Apache Kafka, Git, Maven, Swagger/OpenAPI, Postman, SonarQube

Testing: JUnit

Core CS Concepts: OOP, Collections Framework, Exception Handling, Multithreading Basics, ACID Properties

Relevant Coursework

Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks, Software Engineering, Distributed Systems Basics, Cloud Computing Fundamentals

Project Experience

MediBridge – Healthcare Microservices Platform

- Developed a scalable healthcare platform using Spring Boot microservices for appointments, patient records, and billing workflows.
- Built secure REST APIs with JWT authentication and role-based access control.
- Integrated Apache Kafka for asynchronous inter-service communication.
- Designed MySQL database schemas, containerized services with Docker, and deployed on AWS EC2.
- Implemented CI/CD pipeline using Jenkins for automated build and deployment.

Full-Stack CRUD Application with CI/CD Pipeline

- Developed a full-stack CRUD web application using Spring Boot, Hibernate, and React.js with integrated REST APIs.
- Implemented JWT-based authentication and role-based authorization.
- Wrote unit tests using JUnit and improved code quality through SonarQube analysis.
- Containerized the application using Docker and deployed on AWS EC2.
- Automated build, test, and deployment using Jenkins CI/CD pipeline.

Certifications

- AWS Cloud Certification Program – PrepInsta

Experience

Fresher