

Devansh Sharma

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SUMMARY

- Experienced Java **Backend Developer** with 2+ years of expertise in designing resilient backend solutions using **Java**, **Spring**, and **Spring Boot** frameworks, with a strong focus on developing Restful APIs and integrating scalable technologies.
- Proficient in **Microservices Architecture**, **Database management**, and cloud services like **AWS**, ensuring high performance and **scalability**.

EXPERIENCE

Software Engineer, Coditas Solutions LLP

Jul 2022 - Present

Ambry Genetics

- Developed scalable, high-performance Restful APIs in Java for Ambry Genetics' **cancer treatment system**, adhering to **clean code** principles.
- Introduced **NAOW** feature for direct patient genetic-test kit ordering, bypassing assessment.
- Implemented an efficient logging system using **DynamoDB for API logs**.
- Tech-stack: Java, Springboot, JPA/Hibernate, Redis & microservices, DynamoDB, NoSQL**
- Impact:** Achieved a **30% increase** in test-kit orders, driving significant **sales growth**.

IITB-Pledge

- Automated **alumni registration** and **donation processes** through the **IITB-pledge** portal, designing **ER diagrams**, **class diagrams**, and **database schema** from scratch.
- Documented** and designed **API workflows**, set up **Swagger contracts** for **frontend collaboration**, and contributed to the complete development of the IITB-pledge system.
- Tech-stack: Java, Springboot 3+ , JPA/Hibernate, Postgres**
- Impact:** Enabled **IIT Bombay** to handle a **40% increase** in donations by automating registration and donation processes.

Slotify

- An innovative Java-based **serverless application on AWS Lambda** to optimize interview panel scheduling for the TA team.
- Developed and integrated real-time slot booking feature using Google Calendar to optimize the interviewer scheduling process.
- Tech-stack: Java, aws-lambda, AWS SDK, Google Calendar API, Google form API ,Restful-APIs .**
- Impact:** Drove a **90% improvement in operational efficiency** by significantly reducing **infrastructure costs** to a minimal level.

** POCs

- Developed and deployed a **microservices architecture** to showcase fast boot-up times and quick response rates. Utilized the **Micronaut framework** and integrated monitoring tools like **Prometheus** and **Grafana** to ensure high efficiency and scalability during **Proof of Concept (POC)** projects.
- Researched and developed a proof of concept (POC) for a **chat feature** for an existing **Medgami** project using **Socket.io**, enabling **private and group chats** with support for **text, emojis, and media file sharing**. Deployed the application successfully.

EDUCATION

B.Tech, Computer Science & Engineering

Sep 2018 - Jun 2022

Abdul Kalam Technical University , Lucknow

GPA: 8.16

SKILLS

Technical : Core Java , Springboot , Hibernate & JPA , SQL , MySQL , PostgreSQL , NoSQL , MongoDB , Redis , Microservices , Monitoring , Design Patterns , Problem Solving , GraphQL, Kafka , Docker , Restful-API development , HTML/ CSS , Javascript

Cloud services: AWS Lambda , AWS SES , AWS S3 , AWS cloudwatch , RDS , EC2

Tools: Git , Github ,Maven , Prometheus , Grafana ,Postman , Jmeter

IDE: VsCode , IntelliJ , Eclipse

Achievements

- Received the **Spotlight Award** for outstanding implementation of the NAOW feature & earn reward points.
- Certificate of achievement on **backend development - JAVA** by Coditas Solutions LLP. View
- Attained proficiency in algorithmic **problem-solving** by effectively resolving over 250 Data Structures and Algorithms challenges.