

Himani Dewangan

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Summary

- Backend Java Developer skilled in Java, Spring Boot, REST APIs, MySQL, JWT, and microservices. Built scalable and secure applications with clean architecture and best practices. Solved 400+ DSA problems on LeetCode, AWS GenAI certified, and Hackathon finalist. Strong communication skills and proven ability to collaborate across teams in fast-paced development environments.

Experience

Accenture

October 2024 – Present

Associate Software Engineer – Java, AWS, Springboot, MySQL

Nagpur, India

- Developed and maintained **RESTful APIs** for client-facing modules, contributing to reliable and scalable service delivery.
- Collaborated with cross-functional **Agile** teams to implement new features and fix bugs, reducing production issue resolution time.
- Assisted in integration of **AWS** cloud services to enhance scalability and reduce infrastructure costs.
- Implemented indexing and optimized SQL queries, reducing database query time complexity from **O(N)** to **O(1)** and improving data retrieval speed by 3x.
- Monitored applications using the **ELK** Stack to ensure high availability and rapid incident response.

Education

National Institute of Technology, Rourkela — Master of Technology (FPE); GPA: 8.83 Aug 2022 – Jun 2024

Indira Gandhi Krishi Vishwavidyalaya — Bachelor of Technology (AG); GPA: 7.85 Aug 2017 – Jun 2021

Technical Projects

URL Shortener

— Spring Boot, MySQL, Java

- Built a Spring Boot-based URL Shortening Service that maps long URLs to short, unique aliases using **Base62** encoding.
- Developed **REST APIs** for URL creation, redirection, and analytics.
- Ensured low-latency performance and scalability by adopting **stateless API design and caching** mechanisms.
- Included unit tests and **Postman** collection for robust testing and API validation.

AuthService

— Java, Spring Boot, MySQL

- Designed and developed a Java Spring Boot microservice to handle user **authentication, authorization, and JWT** token-based security.
- Implemented RESTful APIs for sign-up, login, token refresh, and role-based access control (**RBAC**).
- Integrated with Spring Security, MySQL, and **JPA/Hibernate** for secure user data handling.
- Followed clean architecture, **DTO** patterns, and exception handling to maintain modularity and code quality.
- Used **Lombok** and environment-based configurations for enhanced developer experience and documentation.

Skills

- Programming Languages:** Java, C++, HTML, CSS, SQL
- Back-End Technologies:** Spring Boot, Hibernate, JDBC, JPA
- Database:** MySQL
- Version Control:** Git, GitHub
- Core Subjects:** Data Structures and Algorithms, Operating Systems, DBMS
- Concepts:** OOP, Design Patterns, LLD, HLD, Microservices, API Gateway
- Soft Skills:** Agile, DevOps, Communication, Collaboration, Optimization, Adaptability

Achievements / Certificates

LeetCode ([Profile](#)) — Solved 400+ DSA problems; contest rating: 1541.

2025

Generative AI Essentials — Amazon Web Services (AWS) ([Certificate](#)) — Learned GenAI concepts and AWS-powered AI tools.

Mar 2025

Idea-Ignite Hackathon Finalist ([Website](#)) — Built a scalable prototype application with a robust backend, API design, and database optimizations.

Jul 2024