

Devanshu

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TECHNICAL SKILLS

Programming Languages: Java, JavaScript, SQL, PySpark, Python

Frameworks & Libraries: Spring Boot, Node.js, Express.js, React.js

Backend & Architecture: REST API Development, Microservices Architecture, Distributed Systems, System Design, Data Structures & Algorithms (DSA), Low Level Design, Object-Oriented Programming

Databases & Storage: SQL Server, MySQL, MongoDB, Microsoft T-SQL

Cloud & DevOps: AWS (S3, EC2), Azure DevOps, Docker

Tools & Technologies: Git, GitHub, Maven, Gradle, Postman, IntelliJ IDEA, VSCode, Selenium

EXPERIENCE

Software Engineer

April 2025 – Present

MAQ Software

Noida, India

- Developed RESTful APIs using Java Spring Boot for user authentication, data processing, and notifications, handling high daily traffic in production.
- Built backend microservices with JWT authentication and role-based access control for secure communication between client applications.
- Improved API performance by optimizing MySQL queries and adding Redis caching to support large numbers of concurrent users.
- Integrated Azure services with backend APIs to automate data workflows for large-scale datasets.
- Worked on Spring Batch jobs and RabbitMQ for large-volume data processing and reliable backend communication.

Associate Software Engineer

April 2024 – March 2025

MAQ Software

Hyderabad, Telangana, India

- Built **Java-Selenium framework** to trigger Outlook, M365 Copilot, and D365 Copilot in backend, enabling Copilot-generated responses without direct APIs and measuring response/load time of Power Apps screens.
- Performed **SEO optimization** for the company's website using **React Helmet** to manage meta tags and improve search engine visibility.
- Built RESTful APIs and full-stack features with Python, Flask, and React to improve performance.

PROJECTS

Uber Backend Microservices | Node.js, MongoDB, JWT, RabbitMQ, CloudAMQP

- March 2024 – June 2024
- Developed modular Node.js microservices for user, ride, and captain modules using Express.js and MongoDB, increasing **API request handling capacity by 30%** and tested service performance using the **Autocannon** Node.js load testing library.
 - Implemented **long polling** in Node.js for real-time ride notifications, enabling **riders and captains** to receive updates on ride requests and acceptance without constant client polling.
 - Integrated **RabbitMQ** via **CloudAMQP** service for asynchronous inter-service communication, improving system reliability.

Foody Area | Node.js, Express.js, React.js, MongoDB, JWT, Nodemailer, Docker

April 2024 – May 2024

- Built a full-stack food delivery app with real-time menu updates, table booking, and search features, boosting user engagement by **30%**.
- Implemented secure login using **JWT** and **OTP** verification via **Nodemailer**, reducing fake signups by **45%**.
- Containerized backend with **Docker**, improving deployment efficiency and portability by **40%**.

EDUCATION

Chitkara University

Solan, Himachal Pradesh

Bachelor of Engineering in Computer Science

Aug. 2021 – May 2025

ACHIEVEMENTS

Contest Ranking: Ranked 1818 out of 35,585 participants in LeetCode Weekly Contest 403.

Overall Rating: Maintained a rating of 1860+ on [LeetCode](#).

Hackathon Participation: Led a team of 5 to secure 3rd prize in the [Intellimerge 2.0](#) organized by IEEE and ACM.

Microsoft Certification: Earned *Microsoft Certified: Fabric Analytics Engineer Associate* [Microsoft certificate](#).