

Mudit Bisht

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Software Engineer with 3 years of hands-on experience in designing and maintaining robust software systems. Proficient in a range of programming languages including C, C++, Python, JavaScript, and Java. Adept in UI development with HTML/CSS/JS and frameworks like ReactJS/NextJS. Experienced in back-end server design (Python, NodeJS, Java) and skilled in database management with MySQL, PostgreSQL, MongoDB, and DynamoDB. Expertise in ORMs like Mongoose, Sequelize, Django, and Hibernate. Committed to continuous learning and growth, seeking to leverage my skills in a challenging software engineering role.

EXPERIENCE

Amazon, Bengaluru

Software Development Engineer 1 FEBRUARY 2022 - JUNE 2024

Software Development Engineer 2 JULY 2024 - Present

- Developed a new service utilizing Java as the backend and PostgreSQL as the database.
- Enhanced service security by significantly increasing unit-test coverage from 40% to 90%.
- Successfully migrated the service to a multi-regional architecture, effectively distributing traffic and reducing the blast radius.
- Automated a previously manual process by migrating a CLI tool to the cloud using AWS Step Functions and Lambda.
- Designed and implemented a metrics collection framework that centralized metrics logs from various CLI, UI tools, and services in Quicksight, resulting in improved visualization.
- Mentored 3 interns and served as an onboarding buddy for 2 new hires, providing guidance and support in projects and technical understanding.

Delhivery, Gurugram — *Software Developer*

JULY 2021 - JANUARY 2022

- Designed and executed a robust data synchronization solution between ScyllaDB and Elasticsearch to significantly enhance reading throughput.

SKILLS

Back-end development with
NodeJS, Java, Python

Front-end development using
JavaScript

AWS Cloud Development Kit (CDK)
and services like S3, Lambda, Step
Functions, ECS, Cloudwatch.

Relational Databases: MySQL,
Postgre. ORMs: Sequelize,
Hibernate.

Non-relational Databases:
MongoDB, DynamoDB; ORMs:
Mongoose.

LANGUAGES

English, Hindi

- Developed a GraphQL server to efficiently serve multi-table data, and seamlessly integrated GraphQL into a React application for streamlined order tracking and warehousing management.

EDUCATION

Jamia Millia Islamia, Delhi — *Computer Engineering*

JULY 2017 - AUGUST 2021

During my college years, I graduated with First Division and achieved an impressive GATE 2021 score of 762 with an All India Rank (AIR) of 338 in the Computer Science and Information Technology (CS) section. In parallel, I actively engaged in coding competitions, web development projects, and freelance work. Moreover, I co-founded 'Code Your Skills,' a club dedicated to providing valuable engagement for fellow students through weekly coding and tech-focused workshops.

PROJECTS

Fitness Freak

[FitnessFreak Website](#) | [Front-End Repo](#) | [Back-End Repo](#)

Created a fitness-focused social website using the MERN framework, allowing users to ask and answer questions while earning scores based on the quantity and quality of their responses. Hosted Front-end over S3 static website with Cloudfront as CDN, and Back-end over EC2 instance with complete CI/CD pipeline.