

ANKIT GALA

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Skills

Languages: Python, Java, JavaScript, SQL

Technologies/Frameworks: Node.js, React, Express, MySQL, MongoDB, Spring Boot, Tailwind CSS, Bootstrap, HTML/CSS, AWS EC2, Google Firebase

Tools: Git, Postman, GitHub

Coding [LeetCode \(150+ Question\)](#), [GeeksForGeeks \(350+ Questions\)](#)

Experience

STEPapp, Mumbai

April 2024 – Present

Software Developer Engineer

- Developed production-ready code for the **revamp** of the ed-tech platform with an active user base of over **12,000**, improving code **efficiency** and readability, resulting in **faster** loading thus enhancing user experience.
- Designed and implemented a quiz-based 1v1 competitive game feature, leveraging websockets for real-time updates and scores, thereby increasing student engagement **10x** times.
- Implemented **RESTful** APIs following MVC architecture patterns, enhancing backend maintainability and efficiency, resulting in a **20-30%** reduction in response times.
- Crafted **complex** aggregate functions for MongoDB to **optimize** data retrieval processes, achieving in a **2x** improvement in query performance.
- Tech Stack - NodeJS, Express, Socket.io, React, Redux-toolkit, Tailwind CSS, MongoDB, AWS, Docker.

Accenture, Mumbai

Dec 2022 – Feb 2024

Advance Associate Software Engineer

- Collaborated on developing RESTful **APIs** using Java Spring Boot, fostering teamwork and robust functionality
- Increased efficiency by **30-40%** through **optimization** of complex queries and **elimination** of redundant code.
- Identified and **resolved** bottlenecks, resulting in a **20%** increase in platform speed and **enhancing** user experience.
- Tech Stack - Java, Spring Boot, Spring MVC, JavaScript, SQL

Projects

HabitatHub | *NodeJS, Express, React, Redux, Tailwind, MongoDB, Firebase, Render*

May 2024

- Constructed a robust **real estate** web application, empowering users to list properties for **rent** or **sale** and assist those individuals in need for accommodation.
- Engineered dynamic **search** feature, resulting in **10x** reduction in search time along with Google **OAuth** sign in and **JWT** tokens for authentication and authorization, thus **enhancing** user satisfaction.
- Live: habitatHub.onrender.com | GitHub: github.com/ankitgala11/HabitatHub

Multiplayer Trivia Game | *Socket.IO, NodeJS, Express, React, Bootstrap, Vercel*

April 2024

- Led the development of a **1v1** real-time quiz based competition using **websockets** ensuring robust backend logic to process user submitted answers resulting in **100%** fair competition.
- Introduced additional **features** like creating room, waiting lobby, live score updates, winner declarations, thereby **boosting** user engagement by **40%**.
- GitHub: github.com/ankitgala11/quiz-multiplayer

Bookshelf | *Java, Spring Boot, Spring MVC, MySQL, Thymeleaf*

October 2023

- Built a book tracking system to efficiently manage books read by users utilizing Thymeleaf to develop a user interface with full **CRUD** functionality, improving user interaction by **2x**.
- Applied **MVC** programming principles, **enhancing** performance and reducing maintenance time by **30%**.
- GitHub: github.com/ankitgala11/bookshelf

Education

KJ Somaiya Institute of Technology, Mumbai University

Aug 2018 - Jun 2022

Bachelor of Technology in Information Technology - GPA: 8.2/10

Coursework: Data Structures and Algorithms, Object Oriented Programming, DBMS, Operating Systems, Computer Networks, Machine Learning, Cloud Computing, Software Development, DevOps

Leadership / Achievements

- Currently at **Rank 1** on GeeksForGeeks at the institute level.
- Awarded** "People's Favourite Team" at Code Adventures 3.0 Hackathon.
- Won** "Best Presentation" at Hackticks Hackathon by Leo District 3231.
- Led a team of **4** members during internship experience.