

Ankit Gupta

✉ ankit205123@gmail.com | ☎ +919685958659 | 💻 [LeetCode](#) | [Linkedin](#)

Data Structures and Algorithms | Backend Developer | Competitive Coder |
Coding Enthusiast

Summary

Accomplished backend developer with over 4.5 years of expertise in designing and implementing robust applications. Proficient in JavaScript, Typescript, Java, Node.js, and frameworks like NestJS, Express.js, ReactJS, Angular, Hibernate, and Spring Boot. Skilled in optimizing database performance and enhancing backend security. Adept at RESTful APIs, microservices, system design, design patterns, and AWS. Thrives in collaborative environments, delivering innovative solutions that consistently exceed expectations. Strong command of data structures and algorithms.

Experience

Programming.com (Client - Adani Digital Labs)

Gurugram, India

SOFTWARE DEVELOPER

June 2024 - Present

Tech Stack : Node JS , Nest JS , Javascript, Typescript, Observable, RxJS, Redis, BullMQ, Grafana, MongoDB, Docker, Github, JWT, JSON, REST APIs, Microservices, Workspace, Synapse SQL.

- In [ADL](#) , I am the part of Credit Card team where we handle all the Banks Credit Card , their registrations, activation, reward assignments, transactions handling, order, payment etc.
- As a Backend Developer, I created a separate new feature 'refer and earn' that encourages user to share the application with their connections, this led to significant 10-15 % increase in registrations and applications of the users in our portal for the Credit Card.
- Currently we are working for a new feature where we are making our system compatible for multiple banks intuitment, thus making the system more generic.
- I understood the system and created multiple scripts that handled most of the customer queries, that led to reduce the open queries effectively by more than $\frac{3}{4}$ as per records.
- Automated scripts helped us to analyze bugs in our system and made it easy to understand the failed cases and hence helped in improving our system.

Solutelabs

Ahmedabad, India

SOFTWARE DEVELOPMENT ENGINEER

Dec 2022 - April 2024

Tech Stack : Node JS , Nest JS , Javascript, Typescript, Redis, AWS, Postgresql, Docker, Github, JWT, JSON, REST APIs, Microservices, Hasura, GraphQL, OAuth.

- Led backend development in 3 projects, mentoring 8 interns, and designing 2 database schemas.
- Spearheaded the implementation of a centralized authentication and user management system for Single Sign-On ([SSO-NDTV](#)) from scratch including database design and system flow, integrating 5+ login methods and account linking.
- Successfully merged separate endpoints(8 APIS) for mobile and web into single endpoints of live application, making sure that their functionality does not get altered and has no effect in the production.
- Headed another Single Sign-On([SSO-DECCAN HERALD](#)), using [supertokens](#) that too from scratch, effectively making use of supertokens and integrating it to meet the requirements. Integrating multiple signup/signin methods (5+) and linking account features with same credentials, along with the user management.
- Designed and developed an HR management portal using multi-tenancy architecture from scratch utilizing database resources effectively and efficiently making sure no tenant databases are interdependent. This involves 1 centralized database and runtime generated tenant specific database, to streamline employee timesheet, attendance, document management, etc, based on the tenant they belong too.
- Enhanced Memory Machine's payment mechanism, catering to individuals with short-term memory loss and their caretakers, incorporating subscription plans and discount codes. This increased the subscriptions to the application with 25% approximately.

- Maintain continuous communication and indulgence with 3 clients to understand their evolving needs and preferences. Provide responsive support and offer proactive suggestions based on industry trends, user feedback, and emerging technologies. Tailor solutions to align with the client's unique goals, embracing iterative feedback loops to refine solutions and enhance client satisfaction over time.
- Mentored 8 interns, guiding them through competitive coding challenges and introducing them to the latest technologies.

LTI Mindtree

New Delhi, India

SENIOR CONSULTANT

Oct 2020- Dec 2022

- Tech Stack : Redis, Node JS Express JS, React JS , Angular, Javascript, Oracle DB, Github, REST APIs, Java , Spring Boot, Hibernate, JPA, JIRA.
- Worked onsite, engaged in continuous client interactions and effectively addressing their numerous queries, resulting in quicker and successful completion of the annual process by 30 days.
- Provided expertise in handling institutes(approx 12k) data and addressing edge cases for AICTE (All India Council for Technical Education).
- Engaged with client, delivering 8 comprehensive demos and updates on project progress and new features.
- Received 3 months comprehensive full-stack training from the organization to enhance proficiency in diverse technological domains

Skills

- Proficient in Programming Languages: JavaScript, Java, TypeScript, C++
- Experienced in Database Management: Postgresql, MongoDB, Oracle DB
- Expertise in : Nest JS, Node JS, Express JS, RxJS.
- Skilled in ORM: TypeORM, Prisma, Hibernate, JPA.
- Knowledgeable in AWS Services: SES, SNS, Cognito, Lambda.
- Others : Docker, Hasura, Grafana, BullMQ, ES Lint ,JWT, JSON, GraphQL, ZooKeeper, Stripe Payment integration.
- Proficient in Project Management Tool: JIRA
- Experienced in Source Code Repository Management: Github
- Strong Understanding of OOPS, Data Structures, and Algorithms

Personal Projects

General Insurance Java, SpringBoot, MySQL, Angular

- Developed a middleware-free platform enabling direct interaction between insurance providers and end-to-end consumers, streamlining purchasing, auto-renewal, claim processes all in 1 single platform.
- Designed and implemented a robust claim module, including document upload and verification functionalities that reduces the false claim chances by more than 80%.

Automated Canteen Ordering System Javascript, NodeJS, ReactJS, MongoDB

- Created a user-friendly food ordering system to alleviate canteen rush during lunch breaks, facilitating seamless communication between canteen owners and customers and reducing the rush at the space by 50%.
- Canteen owner, as well as customer interaction (2 predefined roles for the users), for daily updates on prices and available items.
- Implemented RBAC mechanism, Worked as a backend developer as well as frontend developer from scratch.

Education

Madhav Institute of Technology & Science, Gwalior, M.P. , India

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE: Jul 2016 - Jul 2020

Certifications & Achievements

- Programming , Data Structures and Algorithm Using C - [NPTEL](#)
- Online 1B round in the global coding competition - [CodeJam](#)
- Postman Certification - [Udemy](#)
- Swagger Certification - [Udemy](#)