Amey Gupta

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Education

Indian Institute of Information Technology Sonepat   *December 2020–July 2024*
Bachelor of Technology in Information Technology- CGPA: 8.5/10

Technical Skills

Languages: C++, C, Javascript (ES6), Typescript, SQL
Libraries/Frameworks: Node JS, Nest JS, React JS, Express JS, Redux, Tailwind CSS
Database: MongoDB, MySQL, DynamoDB
Tools: Git, Github, AWS (EC2, S3, Lambda, SQS), Jira

Experience

Software Engineer Intern   *Mumbai, on-site*
The Sleep Company   *Sept 2024 – Feb 2025*

- Transitioned the notification service from serverless architecture to server-full, reducing the API response time from **105ms to 15ms**, enhancing system performance and user experience.
- Created an AWS API Gateway to trigger actions on quote expiration dates, resulting in a **8% increase** in company sales by generating timely leads for customers.
- Optimized DynamoDB queries by **Implementing Pagination** for scalable data storage, which significantly improved query speed and data retrieval efficiency.

Full stack Intern   *Remote*
The NullClass   *Jan 2024 – Apr 2024*

- Leveraged React, JavaScript, Node JS, Express, and MongoDB for robust application development.
- Developed a full-featured Q&A website from scratch with authentication, authorization, posting of questions, answering, voting, and moderation, ensuring a seamless user experience.

Projects

Talk-A-tive | JavaScript, React JS, Node JS, Express, MongoDB, WebSocket | ⌂ ↗

- Designed and developed a full-fledged real-time chat web application from scratch, enabling seamless one-on-one and group conversations using WebSocket.
- Built robust RESTful APIs with Node.js and Express, optimizing for performance and low latency, with MVC architecture and modular code practices to ensure scalability and maintainability.
- Implemented features such as friend search, image sharing, group creation, and real-time notifications.

Easy-ticketing | TypeScript, Node JS, Express, MongoDB | ⌂ ↗

- Developed a REST API for the back-end ticketing system for efficient ticket management of customer support.
- Ticket Management, Agent Assignment, Reassignment, Comments, Real-time Updates, Email Notifications.
- Define secure authentication and access control mechanisms using (JWT) and Role-Based Access Control.

Bits-of-C0de | JavaScript, React JS, Node JS, Firebase, Tailwind CSS, Redux | ⌂ ↗

- We built a single-page application with React JS and Node JS to facilitate the sharing of development blogs.
- Implemented static site generation for faster load times and greater efficiency.
- Leveraged Firebase for user authentication and data storage and for efficient data fetching.

Achievements

- Solved more than 400 questions on Leetcode ↗ and GeeksForGeeks ↗.
- Completed an internship program with the Sparks Foundation. Link ↗
- Completed a virtual internship experience at JP morgan & Chase Link ↗
- AWS Cloud Quest: Cloud Practitioner Certified. Link ↗