

Amey Gupta

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Education

Indian Institute of Information Technology Sonapat

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.
- Implemented **pagination** in DynamoDB queries to optimize scalable data retrieval, resulting in a 100x improvement in query speed and overall efficiency.

Full stack Intern

Remote

The NullClass

Jan 2024 – Apr 2024

- Built a modular front-end and landing pages using **ReactJS**, emphasizing a user-friendly interface.
- Developed **RESTful APIs** using Agile methodology, optimizing data retrieval and manipulation for seamless front-d back-end integration.

Projects

Talk-A-tive | JavaScript, React JS, Node JS, Express, MongoDB, WebSocket | 🌐 📄

- Built a high-performance social networking site using **WebSockets** for real-time features, including one-on-one and group conversation.
- Robust RESTful APIs designed with Node.js and Express, optimized for performance and low latency, with **MVC architecture** and modular code practices to ensure scalability and maintainability.
- Implemented features such as friend search, media sharing, group creation, and real-time notifications.

Easy-ticketing | TypeScript, Node JS, Express, MongoDB | 🌐 📄

- Built a back-end ticketing system REST API for efficient customer support ticket management.
- 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 | 🌐 📄

- Created a full-stack application with React JS and Node JS to facilitate the sharing of blogs.
- Performing 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](#) 📄