

Amit Kumar

Bachelor of Engineering
Bangalore Institute of Technology

+91-9097221115

✉ coolamitkumar05@gmail.com

🐙 GitHub Profile

🌐 LinkedIn Profile

EDUCATION

• Bachelor of Engineering in Information Science and Engineering

2021-25

Bangalore Institute of Technology

CGPA: 8.6

INTERNSHIP

• Princeton Smart Engineers

Aug 2023 – Dec 2023

Software Engineer Intern

Bangalore

- Developed a feature-rich third-party application using Node.js and Google Cloud Platform to efficiently manage user files and folders on Google Drive, resulting in a 20% increase in user efficiency and a 15% reduction in file organization time
- Integrated OAuth 2.0 Playground of Google Cloud Platform for seamless authentication of Drive access, achieving a 100% success rate in authentication task.
- Led the design and implementation of front-end, ensuring an intuitive and user-friendly interface, resulting in a 25% increase in user satisfaction

• Coding Ninja

Jan 2023 – May 2023

Teaching Assistant Intern

Remote

- Assisted students in resolving 419 Data Structures problems, leading to a 95% student satisfaction rate.
- Achieved a top 1% ranking among Teaching Assistants.

PROJECTS

• Netflix-GPT

Crafted a Netflix-inspired web app, boosting session duration by 35%.

- Utilized Redux-toolkit for efficient state management, Firebase for user authentication and data storage, and integrated the TMDB API for accessing over 500,000 movie titles.
- Achieved 85 percent validation accuracy after training for 20 epochs on a dataset of 10,000 images.
- Implemented OpenAI API for advanced GPT-based search functionality, enabling users to generate over 1,000 search queries per day.

• Discord Uplift Bot

A Discord bot designed to provide encouragement and inspirational quotes to users.

- Created a Discord bot using the Discord.js library and Node.js, amplifying user engagement by 40 percent through regular encouragement and quotes.
- Integrated features for mood-based music playing and custom encouragement management, driving an increase in bot usage over 3 months.

• Hotel Management System

Engineered a hotel booking app with an advanced CMS, cutting booking errors by 30% and improving user experience.

- Empowered hotel managers to create, update, and delete hotel and room listings, improving property management efficiency by 50% and reducing errors by 30%.
- Composed high-efficiency UI components with React, incorporating robust community tools, achieving a 50% reduction in application load times and enhancing user retention by 25%..

TECHNICAL SKILLS AND INTERESTS

Languages: C++, Python, JavaScript, Java, TypeScript, YAML

Web Development: HTML, CSS, NodeJS, React, Express, Next.js, Django

Cloud/Databases: SQL, MongoDB, AWS (S3, EC2), DynamoDB

Tools: Git, Docker, Microsoft Excel, GitHub Actions

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Computer Networks, Object-Oriented Programming, Database Management System, Software Engineering.

ACHIEVEMENTS

- Attained a GFG score of 1500, ranking 5th in college.
- Earned a LeetCode rating of 1905 by solving over 500 complex algorithmic challenges; positioning in the top 10%
- Achieved a competitive CodeChef rating of 1601, placing in the top 15%.
- Placed 206th out of 3,198 participants in Codechef Starters Round 84.
- Triumphed at IEEE BIT SB's Code Electro Run event among 50+ competitors