

Ankit Josh

Bachelor of Engineering

Sir M. Visvesvaraya Institute of Technology, Bengaluru

+91-8240940483

✉ ankitjosh78@gmail.com

🔄 GitHub

🌐 LinkedIn

EDUCATION

• Sir M. Visvesvaraya Institute of Technology, Bengaluru

Dec 2021 - Jun 2025

Bachelor of Engineering in Electronics and Communication Engineering

CGPA: 8.50

PROJECTS

• Bookmarks

A website that lets users bookmark and share images.

- Developed an advanced bookmarking platform with Django, integrating secure user authentication and encryption; improved user retention by **25%** and safeguarded data integrity with **99.9%** uptime.
- Optimized user-follow system and activity stream with advanced QuerySets, leading to a **15%** increase in user engagement.
- Implemented Redis for real-time analytics, enhancing ranking algorithms, which led to a **20%** reduction in page load times and a **30%** boost in user engagement.

• Weather Forecast

A weather forecasting web application.

- Successfully implemented real-time weather data retrieval and display using the OpenWeatherMap API, reducing data retrieval time by **50%** and increasing user engagement by **30%**.
- Developed a responsive and user-friendly design for both desktop and mobile devices, increasing mobile user engagement by **45%** and overall site traffic by **20%**.
- Utilized ASGI with Gunicorn and Uvicorn for asynchronous backend operations, ensuring efficient handling of API requests and scalability, resulting in a **35%** improvement in server response time and the ability to handle **1000+** concurrent users without performance degradation.

• PassBot

A simple, easy to use password manager that can be used to store important credentials.

- Developed a secure credential storage system encrypting user data with a master password, enhancing security and reducing unauthorized access incidents by **40%**.
- Strengthened user data security by integrating the Fernet module for password generation and file encryption/decryption, resulting in a **50%** decrease in data breaches and enhancing overall system integrity.

SKILLS

Programming Languages: C++, Python, Java, JavaScript

Libraries : C++ STL, Various Python Libraries

Web Dev Tools: Vim, Tmux , VScode, Git, Github

Frameworks: Django, Flask

Cloud/Databases: Redis, PostgreSQL, DigitalOcean, Oracle Cloud

Relevant Coursework: Data Structures & Algorithms, Operating System, Database Management System, Object Oriented Programming, Computer Networks

Areas of Interest: Competitive Programming, Web Development, System Design

POSITIONS OF RESPONSIBILITY

• Coordinator TechHub and GLUG

Oct 2022 - Present

- Taught and mentored **100+** students, leading to a **30%** increase in club membership and a higher engagement in technology workshops.
- Directed end-to-end execution of **15+** events, demonstrating effective team coordination and delivering cost savings

ACHIEVEMENTS

- **ICPC Regionalist :** Qualified for ICPC Regionals 2023-24 by ranking **277** out of **3350** teams 2023
- **Knight @ LeetCode | [Profile Link](#) :** Contest Rating (**1923***) | Amongst **top 4%** of all users 2023
- **Specialist @ CodeForces | [Profile Link](#) :** Contest Rating (**1415***) | Amongst **top 10%** of all users 2024
- **3 star @ CodeChef | [Profile Link](#) :** Contest Rating (**1722***) | Amongst **top 6%** of all users 2023
- **Meta Hacker Cup 2023 Qualified to Round 2 | [Certificate](#) :** Ranked **5023** out of **20324** in Round 1 2023
- **Meta Hacker Cup 2022 Qualified to Round 2 | [Certificate](#) :** Ranked **3125** out of **12330** in Round 1 2022
- **1st Prize** winner in competitive programming contest at Sir MVIT's Electrogreen Tech fest 2022
- **1st Prize** winner in competitive programming contest at Sir MVIT's Verve Code Event 2022