

Ankit Josh

Bachelor of Engineering

Sir M. Visvesvaraya Institute of Technology, Bengaluru

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EDUCATION

• Sir M. Visvesvaraya Institute of Technology, Bengaluru

Bachelor of Engineering in Electronics and Communication Engineering

2021-25

CGPA: 8.33

PROJECTS

• Bookmarks

A website that lets users bookmark and share images.

- Developed a comprehensive bookmarking web application using Django, incorporating user authentication and secure development practices HTTPS
- Implemented complex functionalities including image thumbnail generation, Async Http requests, User-Follow system, Activity Stream optimization with QuerySets and real-time analytics and ranking with Redis.
- Technology Used: **Python, Django, JavaScript, Redis, PostgreSQL**

• Hang-Movie-Man

Hangman style game to guess movie names.

- Designed a hangman style game to guess movie names from the local sqlite database and show summary about the movie.
- Implemented addition of new movies to the database from the IMBD API along with proper validity checks.
- Technology Used : **Python, IMDBpy, SQLite**.

• PassBot

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

- Stores user's various credentials in a file and encrypts it with help of a master password from the user.
- Implemented password generation and file encryption/decryption with help of Fernet module.
- Technology Used : **Python, Fernet**

SKILLS

Languages: C++, Python, Java, JavaScript

Libraries : C++ STL, Python Libraries

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

Frameworks: Django, Flask

Cloud/Databases: Redis, PostgreSQL

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

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

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

POSITIONS OF RESPONSIBILITY

• Community Leader TechHub and GLUG

Oct 2022 - Present

- Taught and mentored over **50 students** and fostered a passion for technology among peers.
- Successfully organized and managed **15+ events**, showcasing strong leadership and event-coordination skills.

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 (**1414***) | 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
- **HackerRank Certified in Problem Solving (Intermediate) | Certificate** 2023