Ankit Josh

Bachelor of Engineering

Sir M. Visvesvaraya Institute of Technology, Bengaluru

📞 +91-8240940483

✉ ankitjosh78@gmail.com

⚙ GitHub

in LinkedIn

EDUCATION

- **Sir M. Visvesvaraya Institute of Technology, Bengaluru** *Dec 2021 - Jun 2025*

  Bachelor of Engineering in Electronics and Communication Engineering CGPA: 8.33

- **Hariyana Vidya Mandir, Kolkata - Senior Secondary** *2021*

  Central Board of Secondary Education (C.B.S.E) Percentage: 86.25%

- **International Public School, Kolkata - Secondary** *2019*

  Indian Certificate of Secondary Education (I.C.S.E) Percentage: 94.2%

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.
  - Technology Used: **Python**, **Django**, **JavaScript**, **Redis**, **PostgreSQL**, **Nginx**, **Gunicorn**

- **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.
  - Technology Used : **Python**, **Fernet**

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
Relevent 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

- **Community Leader** 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*