ANURAG KUMAR

IIT Madras
B.S. Degree

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SUMMARY

Diligent Full Stack Developer with a Diploma in Programming from IIT Madras. Proficient in Python, Java, HTML, CSS, Flask. Led Smart Prep App team, excelling in web development, system commands, and database management.

EDUCATION

Indian Institute of Technology — Chennai, Tamil Nadu
Diploma Level - Bachelors in Data Science and Applications — *January 2022 – December 2025*
Chhatrapati Shahu Ji Maharaj University — Kanpur, Uttar Pradesh
B.Tech – Material Science And Metallurgical Engineering (MSME) — *August 2011 – August 2017*
Class XII — Greater Noida, Uttar Pradesh
May 2011

EXPERIENCE

Intern — May 2014 – June 2014
Steel Authority of India Limited — *Bhilai, Chattisgarh*
- I acquired a comprehensive knowledge of blast furnace operations.
- Conducted in-depth analysis of the different metal compositions produced by the blast furnace.
- Played a key role in optimizing processes within the steel melting shop.

PROJECTS

Ticket Show Application-II | *Python, Flask, Vue.js, PostgreSQL, HTML, CSS* — May 2023 – August 2023
- Developed a full-stack web application using Flask serving a REST API with vue.js as the frontend.
- Engineered the front-end architecture of a web application.
- Used Celery and Redis for asynchronous tasks.

Ticket Show Application-I | *Python, Flask, PostgreSQL, HTML, CSS, Jinja2* — January 2023 – April 2023
- Developed a full-stack web application using Flask serving a REST API (mainly focused on the backend).
- Engineered the application for booking tickets, featuring end-to-end consumer booking processes.
- Developed admin functionalities for managing venues and shows.

TECHNICAL SKILLS

Languages: Java, Python, SQL (Postgres), JavaScript, HTML/CSS
Frameworks: Vue.js, Flask, Django
Developer Tools: Git, Docker, VS Code, Visual Studio, PyCharm, Eclipse, PgAdmin 4, Sublime Text
Libraries: pandas, NumPy, Matplotlib

CO-CURRICULAR ACTIVITIES

Django Workshop — May 2023
IIT Madras — *Chennai, Tamil Nadu*
- Completed a web development workshop on Python Django.

EXTRA-CURRICULAR ACTIVITIES

Team Lead (Backend) — August 2023 – January 2024
Wayanad House Project (IIT Madras) — *Chennai, Tamil Nadu*
- **Title:** Smart Prep App | *Python, Flask, Vue.js, PostgreSQL, HTML, CSS.*
- Designed and developed an online exam preparation app that enables students to prepare for exams by solving past year exam papers and taking mock tests.

Coordinator — August 2014 – October 2014
Lan War (UIET Kanpur) — *Kanpur, Uttar Pradesh*
- **Title:** Smart Prep App | *Python, Flask, Vue.js, PostgreSQL, HTML, CSS.*
- Spearheaded the organization of a major tech fest at the college, overseeing all aspects of the event.
- Directed and coordinated over 100 enthusiastic students, ensuring smooth participation in various games.