

# 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

*Diploma Level - Bachelors in Data Science and Applications*

Chennai, Tamil Nadu  
January 2022 – December 2025

### Chhatrapati Shahu Ji Maharaj University

*B.Tech – Material Science And Metallurgical Engineering (MSME)*

**Class XII**

Kanpur, Uttar Pradesh  
August 2011 – August 2017  
Greater Noida, Uttar Pradesh  
May 2011

## EXPERIENCE

### Trainee Software Developer

*BQC Assessment Pvt. Ltd.*

October 2024 – Present  
Noida, Uttar Pradesh

- **Built and deployed a phishing simulation web app** for corporate training to improve email security.
- **Developed full stack web application** solution handling backend, frontend, and real-time reporting.
- **Enhanced data security** by creating a platform to track and train employees on phishing risks.

### Intern

*Steel Authority of India Limited*

May 2014 – June 2014  
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.

## 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

*IIT Madras*

May 2023  
Chennai, Tamil Nadu

- \* Completed a web development workshop on Python Django.

## EXTRA-CURRICULAR ACTIVITIES

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### **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.