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IIT Madras
B.S. Degree

Summary

- I'm a diligent Full Stack Developer with a Diploma in Programming from IIT Madras. Proficient in Python, Java, HTML, CSS, and frameworks like Flask. Skilled in web app development, system commands, and database management. Led the Smart Prep App team, showcasing strong leadership. Eager to bring my expertise to a dynamic development team.

Education

Program	Institution	Year
B.S. in Data Science and Application (Currently in the B.Sc. Diploma Level)	Indian Institute of Technology, Madras	2023
B. Tech in Material Science and Metallurgical Engineering (MSME)	CSJM University, Kanpur	2017
Class XII (CBSE)	Private Candidate	2011
Class X (CBSE)	Vivekanand Vidya Mandir, Ranchi	2008

Relevant Skills: Python, Java, HTML, CSS, Vue.js, JavaScript, Flask, Django, MySQL.

Relevant Courses: Database and Management Systems, Web Application Development, System Commands, Data Structure and Algorithm,

Professional Experience

Intern 1 (May 2014 – June 2014)	- I completed my B. Tech Industrial Internship from Steel Authority of India Limited (SAIL), Bhilai. - During the internship, I gained insights into the operations of the blast furnace and the various metal compositions produced from it. - Additionally, I had the opportunity to work in the steel melting shop.

Projects

Project 1 (Extra-curricular activity Project)	**Title:** Smart Prep App **Description:** It is an online exam preparation app, in which students can prepare for the exam by solving past year papers or by giving mock papers. **Software Used:** Flask, Flask-sqlalchemy, HTML, CSS, Jinja2.
Project 2 (Course MAD-II)	**Title:** Ticket Show Application **Description:** In this project, my main focus was to incorporate the front-end part. This project deals with the complete front end and also sends messages and reminders for any specific events. **Software Used:** Flask, Flask-sqlalchemy, Flask-security, HTML-CSS, VueJs, Vuex, Flask-restful, Celery, Redis.
Project 3 (Course MAD-I)	**Title:** Ticket Show Application **Description:** A multi-user web application showing the complete process of booking a movie ticket from a consumer. The app also contains the features of adding venues and shows from the admin. The app displays all the features of a movie ticket app. **Software Used:** Flask, Flask-sqlalchemy, Flask-security, HTML-CSS, Jinja2.
Project 4 (B. Tech Project)	**Title:** Self-Healing Composites **Description:** A brief introduction about the self-healing composites, design, experimental procedures, and applications.
Project 5 (B. Tech Project)	**Title:** Shape Memory Alloys **Description:** A brief introduction about the shape memory alloys, their characterization techniques, operations, applications, and future aspects. Along with this, a brief introduction about the Ni-Ti shape memory alloy and its properties are also examined.

Position of Responsibility

Team Lead, Smart Prep App	- As a team lead I coordinated with other team leads and my team members in the completion of the application.
Coordinator, LAN War	- Organized the event at the college. - Managed a huge crowd of students who were enthusiastic to play games.

Extracurricular Activities

Workshop	- Done workshop for **"Web Development Using Python Django"** organized by IIT Madras.
Sports	- Participated in various sports at the college level.