EDUCATION AND SCHOLASTIC ACHIEVEMENTS

Program	Institution	CGPA / Percentage	Year
B.Tech in Mechanical Engineering	Indian Institute of Technology Madras	7.5/10	2026
XII (CBSE)	Vishwanath Appa Hurne College	87.83	2022
X (CBSE)	Mahatma Phule English School	98%	2020

Scholastic Achievements	● Bagged a **software development internship role at BNY** (on-campus). ● Attained **190/200** in Computer Science in Class XII. ● Attained qualification for **Stage-2** of 3 stages in Homi J. Bhabha Balvaidnyanik exam. ● Secured **98.40** percentile in **JEE Mains**, attained category rank of **1247 in JEE Advanced**. ● Scored **99.2 percentile** in State **Common Entrance Test Cell (CET)**. ● Successfully solved **200+ leetcode questions** of various data structure and algorithms.

PROFESSIONAL EXPERIENCE AND PROJECTS

Vulnerability Management *Summer Internship'25 @BNY* *[Jun'25]*	Real-Time Risk Dashboard with **API-Driven Data** Ingestion and Workflow Automation. ● Fetched vulnerability data from **API servers** and ingested it into the **Snowflake database**. ● Built interactive **Dash UI dashboards** for real-time tracking, using bar charts and pie graphs. ● Scheduled API data fetch via **Airflow DAGs** with synchronized Dash dashboard refresh.
JIRA Automation *Summer Internship'25 @BNY* *[July'24]*	Integrated **automated Jira creation** and record tracking into same Vulnerability Risk Dashboard ● Integrated Jira **REST APIs** to bulk-fetch vulnerability **JSON payloads** with custom query filters. ● Added **one-click API call** to create Jira issues, also supporting multiple Jira creation at once. ● Updated new ticket keys in DB and dashboard using **Pandas and Snowflake Connector**.
Digital Twinning *[ME3302- Course Project]*	Live tracking of product status on the assembly line using **RFID-enabled digital twin** ● Developed a **Java-based** digital twin with RFID for real-time tracking of 100+ parts. ● Linked **RFID tags to virtual models** to accurately track part states during their assembly. ● Built a **responsive UI** to display part movement and status with time via event-driven updates.
Grocery App	

SKILLS AND COURSEWORK

Functions of Several Variables	Num Tech Linear Algebra	Series and Matrices	Differential Equations

Scientific Computing	Covers Linux, programming, Octave, clusters, GPU computing, visualization, and LaTeX.
Libraries	Pandas, Numpy, matplotlib, SQLAlchemy, Requests
Coding Skills	Python, C++(BAsic), DSA in Python, HTML, CSS, Tailwind CSS, Linux OS, MySQL, Dash UI, JavaScript, OOPS*
Tools & Software (Technical)	Snowflake, Dataiku, Git, GitHub, LaTeX, AutoCAD, Fusion 360, GNU Octave, Matlab, GeoGebra, Jupyter Notebook, PyCharm, IntelliJ IDEA, VSCode.
Tools & Software (Design)	Canva Pro, Figma, Illustrator, Photoshop, MS Clipchamp

POSITION OF RESPONSIBILITIES

Co-Curricular Secretary	**TechSoc** *Aug'24 - May'25*	● **Design Core** of the Branding Vertical of TechSoc Team. ● Will be leading the **2-tier** team's vertical of the club **single-handedly**.
	Shaastra O&IP *Dec22'- Jan23'*	● **Volunteer** of Shaastra (Tech-fest) Operations & Infra Structures Team. ● Handled **on-ground operations** in Tech Fest, Shaastra.
Student General Secretary	**Extra Mural Lectures(EML) Team** *Apr23'- present*	● **Creative Cell Coordinator** at the Extra Mural Lectures team. ● Conducted **15+** events of renowned personalities like **Dr. S Somnath, K. Annamalai.** ● Garnered an **overall footfall of 5000+** people as a **Creative Cell Coordinator.** ● **Moderated** the lecture by Dr.Prakash Baba Amte & Dr. Mandakini Amte.
	Saathi Team *(Aug'24 - May'25)*	● **Super-Coordinator of Design & Publicity Vertical** of team Saathi. ● Led 10+ high-impact student events, managing **1000+ participants** along with team
	SGS EC Team *May23'-April24'*	● **Member of the Student Executive Committee (SGS) Team.** ● Helped in the **management** of the Institute level events.
Cultural Secretary	**Drama Club** *May23'-April 24'*	● **Coordinator of the Drama Club** in the Institute. ● **Handled PR and Publicity tasks** for **5+ events** among the events held by the Club.

EXTRA-CURRICULAR ACTIVITIES

Literary and Speaking Arts	● Been a part of **toastmaster club** events multiple times and developed communication skills ● **Inter-IIT (2023, 24)** Street Play participant, part of drama in institute level.
Sports	● **District-level** long-run winner and secured **1st place** in Kabaddi.
Other	● Won "**Student of The Year**" Award twice, served as **Team leader** for **3** years in school.

**RFID- Radio Frequency Identification