

Velchuri Vishnupriya

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Thanjavur, Tamil Nadu, India

GitHub — LinkedIn — LeetCode



Education

SASTRA Deemed University
Bachelor in Information Technology
CGPA: 8.23
Aug 2023 – Present

Sunbeam Senior Secondary School
Class XII (CBSE) — 82%
Jun 2021 – Apr 2023

Technical Skills

Languages: C/C++, Python, Java (Basic)
Web: HTML, CSS, JavaScript, Flask, SQLite
Tools: Canva, Excel, PowerPoint

Certifications

NPTEL – Python for Data Science (Elite Silver)
[View Certificate](#)

Co-Curricular Activities

Marketing & Finance — E-Cell SASTRA
Sep 2023 – Oct 2024

- Attracted sponsorships for E-Cell events.

Math Club — SASTRA
Sep 2024 – Present

- Conducted math Olympiads and events.

Experience

Machine Learning Intern — NIT Trichy June 2025

- Predicted compressive strength of geopolymers concrete using ML models.
- Compared model performances and contributed to a technical report.
- Utilized Python libraries (NumPy, Pandas, Keras, Matplotlib).
- Uploaded research report to Zenodo: [10.5281/zenodo.17793666](https://doi.org/10.5281/zenodo.17793666)

Projects (In Progress)

Stock Portfolio Tracker
HTML, CSS, Flask, SQLite

- Full-stack project for real-time stock tracking.
- Includes watchlist, price charts, and data fetch.

Mini Banking App (Mock Transactions)
HTML, CSS, Flask, SQLite

- Web app with login, transfer, and transaction history.
- Focuses on clean UI and secure data handling.

Research Publication

Concrete Strength Prediction (2025) Published a research report on concrete compressive strength using machine learning models. Hosted on Zenodo with DOI: [10.5281/zenodo.17793666](https://doi.org/10.5281/zenodo.17793666).