

DHINESH KUMAR

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SUMMARY

I'm a final-year B.Sc. Computer Science student at Vellore Institute of Technology, specializing in Data Science. With over 3 years of hands-on Python experience, I've built and deployed projects using **Flask**, **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, and **Scikit-learn**. I excel in **data analysis**, **machine learning**, and **web app development**, and I'm eager to apply my skills to real-world problems in a collaborative, fast-paced environment.

EXPERIENCE

Lysa Solutions

Remote

Python Developer Intern

June 2025 – July 2025

- Developed an automated tool to extract content from previous year question papers using Python libraries, YOLO for diagram detection and the Gemini AI API for content analysis and decision-making.

Collab Junction

Remote

Data Analyst Intern

June 2024 – August 2024

- Conducted in-depth analyses of geographic data to understand university student's mindsets and event interests, creating detailed reports and visualizations to communicate actionable insights and drive strategic decisions.

EDUCATION

Vellore Institute of Technology

Vellore, TN

Bachelor of Science in Computer Science (Data Science)

July 2023 – July 2027

- CGPA : 9.36

SKILLS

- Programming** : Python, Java, Dart, C++
- Data Science** : Machine Learning, NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn, Data Analysis
- Development** : HTML, CSS, Bootstrap, JavaScript, Flask, Django, Flutter
- Operating Systems** : Windows, Linux
- Database** : Oracle, MySQL, SQLite
- Software** : MS Office, GitHub, Power BI
- Others** : Critical Thinking, Communication, Leadership

PROJECTS

Math Booster | https://github.com/Dhineshkumarprakasam/math_booster

Mobile Application

- Developed a Flutter based application for practicing basics of mathematics
- Generates questions randomly with a game like interface

HelpMe@OS | <https://helpmeatos-production.up.railway.app/>

Web Application to solve Operating System Algorithms

- Developed a Flask based web application to assist users in solving operating systems algorithms
- Designed a clean, responsive UI using HTML, CSS and Bootstrap to enhance user experience

Type Master | <https://type-master-zeta.vercel.app/>

Web Application for typing practice

- Built a typing practice website using Flask, HTML, CSS, Bootstrap, JavaScript and SQLite Cloud
- Implemented real time speed and accuracy tracking with a responsive UI

HONORS & INVOLVEMENT

- Secured 3rd place in python Code-a-thon conducted by Capsule Labs during my first semester
- Received Merit Scholarship from VIT for Academic excellence continuously for 2 years
- Received Cent Percent Attendance Scholarship from VIT for maintaining consistency
- Published an IEEE conference paper on plant disease detection using deep learning