

# VISHAL S

Coimbatore, India

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## Education

### B.Tech in Computer Science and Engineering (Artificial Intelligence)

CGPA: 8.79

Amrita School of AI, Amrita Vishwa Vidyapeetham, Coimbatore

2022 - 2026

### High School Diploma

SSLC: 99.2% , HSC: 94.16%

S.E.V Matriculation Higher Secondary School, Madurai

2017 - 2022

## Experience

### Cisco ThingQbator (Nasscom Foundation)

10/2023 - 03/2024

Software Developer Intern - Smart Agro Solutions

Coimbatore, Tamil Nadu

- Developed regression models to predict the amount of water required for coconut plantation with an accuracy of 74%.
- Designed a user-end application for farmers to monitor coconut growth and get alerts about the field installations.

## Projects

### Academia : Campus Repository | Python, Django, HTML, CSS, JavaScript

Video | Github

- Built a Django-based campus repository for efficient resource management of files between teachers and students.
- The platform features customized homepages for each user, empowering teachers to efficiently manage, delete, and control file permissions.
- Notifies the students about new materials upload through Gmail API.

### Classification using Proximal SVM | Python, Scikit-Learn, Machine Learning

Github

- Developed a Proximal SVM-based solution specifically tailored for digit recognition, showcasing proficiency in pattern recognition with accuracy of 95%.
- Applied Proximal SVM methodology to face recognition, demonstrating its adaptability in image-based classification tasks with accuracy of 82%.
- Implemented Proximal SVM for accurate classification in breast cancer datasets with an accuracy of 60%.

### Integrated Management System : Consumer Goods | Java, JavaFX

Video | Github

- Developed a comprehensive system to efficiently manage canteen operations, store inventory, and delivery services within the organization.
- Used JavaFX to create a GUI that supports actions such as creating an billing, maintenance, and payments.
- Established a secure login system for authorized personnel.

## Achievements

- Solved more than **550+ Problems** on LeetCode. **Profile:** <https://leetcode.com/VishalTheHuman/>

## Technical Skills

**Languages:** Python, Java, C++, HTML, CSS, JavaScript, SQL

**Technologies/Frameworks:** Django, JavaFX, SciPy, MySQL, GitHub, TKinter, Figma

## Certifications

- **Data Scientist Professional with Python** | Datacamp  **August 2023**
- **Python For Everybody - Specialization** | University of Michigan  **October 2023**
- **Generative AI with Large Language Models** | DeepLearning.AI  **January 2024**
- **JavaScript Algorithms and Data Structures** | FreeCodeCamp  **December 2023**

## Volunteering

### Anokha - Techfest

12/2023 - Present

Co-Head Public Relations

Amrita Vishwa Vidyapeetham

- Organizing and coordinating the Techfest, as well as disseminating information about the events to students at Amrita University and other academic institutions.

### Team Media

09/2023 - Present

Graphic Designer

Amrita Vishwa Vidyapeetham

- Creating visually compelling designs and multimedia support, collaborating with videographers and photographers for cohesive visual representation.