

Vedant Mishra

B.Tech Computer Science Engineering | VIT Bhopal University
Bhopal, India

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Education

VIT Bhopal University

2024 – 2028

B.Tech in Computer Science and Engineering

RN Public School, Prayagraj

High School (2020–21) | Intermediate (2022–23)

Projects

Veyransh – AI Academic Web Application

[GitHub](#)

Python, Flask, Tesseract OCR, Linear Regression, Matplotlib

- Developed full-stack web application using Flask for academic performance analysis.
- Integrated Tesseract OCR for automated text extraction from study materials.
- Implemented Linear Regression model achieving 85% prediction accuracy.
- Built dynamic quiz generation module with performance analytics dashboard.
- Designed structured backend architecture with modular code organization.

Digital Declutterer – Subscription Management System

Python, Custom Tkinter

- Built desktop application for tracking recurring subscriptions and expenses.
- Implemented automated reminder logic and categorized expense tracking.
- Designed interactive GUI improving usability and structured financial visibility.

Technical Skills

Programming: Python, C++, Java, JavaScript

Data Structures & Algorithms: Arrays, Linked Lists, Stacks, Queues, Recursion, Sorting, Searching

Web Development: Flask, REST API Basics, HTML, CSS

Machine Learning: Supervised Learning, Linear Regression, Data Preprocessing, Model Evaluation

Databases: SQL (Basic Queries)

Computer Science Fundamentals: Object-Oriented Programming, Operating Systems (Basics), Computer Networks (Basics)

Tools: Git, GitHub, Jupyter Notebook, VS Code

Certifications

NPTEL – Cloud Computing Paradigms

Google IT Support – Computer Networking (Coursera)