

# Akshaay

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## Education

### VIT Bhopal University

Integrated MTech

Major in Computer Science; Minors in Artificial Intelligence and Machine Learning

Cumulative GPA: 8.5/10

Bhopal, Madhya Pradesh

Expected May 2026

### 12<sup>th</sup> Standard

NSN Matric. Hr. Sec School

State Board PCT: 86%

Chennai, Tamil Nadu

Jul 2021

### 10<sup>th</sup> Standard

NSN Matric. Hr. Sec School

State Board PCT: 81.8%

Chennai, Tamil Nadu

Jul 2019

## Technical Skills

**Programming & Frameworks:** Python (ML, DL, Gen AI, RAG, Django, Playwright), JavaScript, React

**Databases:** Vector Databases, MySQL, MongoDB

**Tools & Platforms:** Power BI, Git

## Experience

### Entrans Technologies Private Limited

Artificial intelligence Intern

Sep 2024 – Jan 2025

### Doclink

- Developed **Doclink**, a healthcare platform for meeting summaries, actionable insights, and multilingual support.

- Used **Playwright** for automation, **Django**, **GenAI (LLM)**, and **MongoDB**.

Dec 2024 – Jan 2025

### DB Agent

- Created **DB Agent**, automating SQL query generation and execution for dynamic insights and interactive visualizations.

- Used **LLM**, **Django**, and **visualization tools**.

Nov 2024 – Dec 2024

### News Bot

- Designed **News Bot** for real-time AI-generated news summaries tailored to user input.

- Used **RAG**, **Vector DB**, and **LLM**.

Oct 2024 – Nov 2024

## Projects

### AI-Powered Interview Assistant

- Developing an AI-based platform that joins online interviews, listens to conversations, and responds to HR's questions in real-time chat.

- Provided post-interview summaries with performance analysis, improvement suggestions, and selection probability.

Feb 2025 – Present

### Driver Drowsiness Detection

- Engineered a **real-time Driver Drowsiness Detection system** using TensorFlow and OpenCV, achieving **94% accuracy** and significantly enhancing road safety.

- Optimized the system with advanced algorithms and a responsive alert mechanism, increasing accuracy and minimizing false alarms.

Mar 2023 – Mar 2024

### Credit Card Fraud Detection

- Constructed a **fraud detection model** using Logistic Regression, achieving **95.1% training and 94% testing accuracy**, effectively reducing false positives.

- Leveraged NumPy, pandas, and scikit-learn for data cleaning, feature engineering, and seamless real-time fraud detection.

Nov 2022 – Jan 2023

## Certifications

- Applied ML in Python (Coursera)

Dec 2022

- 100 Days of Code: The Complete Python Pro Bootcamp for 2023

Jun 2023

- NPTEL cloud computing

Apr 2024

## Activities

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### Problem Solved

Jan 2025 – Present

- Coded 100+ DSA questions in GFG coding platform

### Hackathon Participated

- Participated in Tata Imagination Challenge 2024, Participated in TATA Crucible Campus Quiz 2024

### Extracurricular

- Participated in athletics tournaments at school and college levels.

## Additional

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**Languages:** English, Tamil, Hindi.