



## Education

<b>MPSTME, NMIMS University</b>	<b>2022 - 2026</b>
B. Tech Computer Engineering	
CGPA: 3.61/4	
<b>Kendriya Vidyalaya A.F.S Ojhar</b>	<b>2022</b>
CBSE: 88.80	
<b>Kendriya Vidyalaya A.F.S Ojhar</b>	<b>2020</b>
CBSE: 93.00	

## Projects

**RAG-Based College Chatbot** - Natural Language Processing, Retrieval-Augmented Generation, Python.

Built an AI-powered chatbot using Rasa to provide intelligent, college-specific answers to student queries. Integrated local LLMs to process documents (e.g., Student Resource Books, Timetables) and respond contextually.

**DETROIT (Desktop Assistant)** - Python, Speech Recognition, API Integration. Developed a Python-based desktop assistant that responds to voice commands. Features included browsing Wikipedia, setting reminders, and fetching news updates.

**Stock Market Analysis Using ARIMA and LSTM** - Machine Learning, Python, Time Series Analysis, ARIMA, LSTM, Data Visualization. Developed a machine learning model to predict stock price movements using time series analysis. Implemented ARIMA for statistical forecasting and LSTM for capturing sequential patterns in the data. Visualized results using Python libraries like Matplotlib and Seaborn for better insights.

**SkillUp (Web Platform)** - Full Stack Development, Web Design, API Integration. Collaborated on an educational platform connecting students with curated subject-specific playlists. Developed the platform using HTML, CSS, JavaScript, Angular.js, and Node.js.

**Student Management System (Java, Spring-Boot)** - Java, Spring Boot, Database Management. Optimized university administration by centralizing student enrollment and course management. Leveraged Java and Spring Boot to build a scalable, efficient backend system.

## Internships

**Prodigy InfoTech** – May 2024 - June 2024 (1 month)

Worked on front-end web development projects, gaining hands-on experience with HTML, CSS, and JavaScript. Built interactive applications including a Tic Tac Toe game, a stopwatch, and other small utility projects.

## Certifications & Publications

- Generative AI for Beginners (Udemy)
- Generative AI for All (Infosys Springboard)
- Cloud Computing Essentials (Udemy)
- Concepts in SQL (Coursera)
- Machine Learning Beginner (Infosys)

## CORE SKILLS

### Technical Skills

- Python, Java, C++, HTML/CSS/JS
- Git & GitHub
- SQL

### Soft Skills

- Team Collaboration, Problem Solving, Communication, Leadership & Coordination