



Education

MPSTME, NMIMS University

B. Tech in Computer Engineering

CGPA: 3.67/4

2022 - 2026

Kendriya Vidyalaya Bhandup, Mumbai

CBSE : 85.6 %

2022

Podar International School, Mumbai

CBSE: 95.6 %

2020

Projects

WildVision – Animal Classification – 2025

Built a multi-class animal classification system using HoG and SVM. Trained the model on 100 images spanning 3 distinct animal categories. The system classifies input images and displays predictions with labels and confidence scores, designed for wildlife monitoring and educational use cases.

Music Recommendation Project – 2024

Implemented popularity-based, collaborative filtering, and content-based recommendation models. Used song attributes and user interaction data to generate song recommendations based on trends, user similarity, and content features.

Face Detection Project – 2024

Developed a comprehensive object detection system using OpenCV and dlib. Incorporated Haar cascades, HOG, and CNNs to detect faces, eyes, clocks, cars, and full bodies from images, and visualized the results using bounding boxes.

Bank Management System - 2024

Designed and developed a relational database using MySQL with tables for clients, employees, accounts, cards, and transaction history. Implemented complex relationships using foreign keys, auto-incremented IDs, and normalization.

Internships

Monash University, Melbourne, Australia (Remote, May 2025 – Present):

Developed deep learning models for audio deepfake detection using perceptual, spectral, and statistical features such as MFCCs and pitch. Built a custom annotation UI integrated with Firebase Studio and Google Sheets API, reducing manual labelling time by 60% and streamlining metadata management.

Biofield Power Pvt. Ltd.– Indian Institute of Technology, Ropar (IIT Ropar) (Remote, Aug 2024 – May 2025):

Developed a responsive web application using Next.js and Tailwind CSS to connect farmers, industry stakeholders, and logistics providers. Designed and implemented reusable UI components based on Figma designs, ensuring visual consistency, responsiveness, and a user-centric experience across the platform.

Certifications & Publications

- Harvard Health Systems Innovation Lab Hackathon - Participant - (Apr, 2025)
- Smart India Hackathon (SIH) - Participant - (Sep, 2024)
- Machine Learning Specialization - Coursera (Stanford University) - (Jun, 2024)
- Postman API Fundamentals Student Expert - Postman) - (Jun, 2024)
- Microsoft Azure Fundamentals - Microsoft - (Feb, 2024)
- Cyber Cypher 3.0 Hackathon – Taqneeq - (Jan, 2024)
- Building User Interface using React and Vue - NMIMS MPSTME - (Jul, 2023)
- Programming For Everyone – ACM MPSTME - (Oct, 2022)
- ADAPPT Conference – IETE-SF MPSTME - (Sep, 2022)

CORE SKILLS

Technical Skills: Python, Java, C++, HTML, CSS, Tailwind CSS, JavaScript, React.js, Next.js, Vue.js, Node.js, Express.js, Angular.js, TensorFlow, Keras, NumPy, Pandas, OpenCV, scikit-learn, Matplotlib, Jupyter Notebook, MySQL, MongoDB, Git, GitHub, Postman, VS Code, IntelliJ IDEA, Eclipse, Firebase Studio

Soft Skills: Team leadership, Collaboration, Public speaking, Time management, Problem-solving

Achievements and Positions of Responsibility

4TH Position across all participants from India – Harvard Health Systems Innovation Lab Hackathon (Apr, 2025)

Frontend Developer - Biofield Power Pvt. Ltd. @ Indian Institute of Technology, Ropar (IIT Ropar) (Aug, 2024)

Committee Member - ACM MPSTME : Organized tech sessions and coding events (Aug, 2022)

Seminar Host - Conducted Python programming workshops for undergraduates at NMIMS, MPSTME (Oct, 2022)