



Education				
Qualification	Institute	Board/University	% / CGPA	Year
MBA Tech	MPSTME, NMIMS, Mumbai	NMIMS	3.45/4	2027
BTech (AI)	MPSTME, NMIMS, Mumbai	NMIMS	3.45/4	2027
XII	Vidhya Niketan, Pondicherry	TNSB	84.6	2022
X	Vidhya Niketan, Pondicherry	TNSB	91	2020

Core Skills

- **Data Analytics & BI** – Power BI, SQL, Python, Data Visualization, Dashboarding, KPI & Metrics Tracking
- **AI & ML** – Supervised & Unsupervised Learning, Transformers, CNNs, Deep Learning, NLP, Predictive Modeling, Model Evaluation
- **Project & Stakeholder Management** – Project Planning, Execution, Cross-Functional collaboration, Requirement Gathering.
- **Strategic & Analytical Problem Solving** – Business Optimization, Data-Driven decision making, Analytical thinking.
- **Process Improvement & Innovation** – Workflow Optimization, Operational Efficiency, Scalable Data Solutions.
- **Team & Execution management** – Cross-Functional Collaboration, Ownership, Execution Tracking, Multi-Project Handling

Projects

K3 Restaurant Database Management System

- Designed and implemented a SQL-based relational database to manage restaurant sales, inventory, menu, and manpower data.
- Integrated the database with Power BI dashboards to track revenue trends, inventory levels, and operational KPIs. Enabled data-driven decision making by improving reporting visibility and operational efficiency.

Indian Music Genre Classification

- Developed a machine learning classification model to categorize Indian music into genres such as Bollywood, Sufi, and Ghazal. Applied signal processing and feature extraction techniques and trained multiple ML algorithms on non-Western music datasets.
- Evaluated model performance to improve prediction accuracy and classification reliability.

Virtual Mouse Control Using Hand Gestures

- Developed a gesture-based virtual mouse system using computer vision and deep learning for hands-free computer interaction.
- Implemented a CNN-based model to enable real-time cursor movement, clicks, scrolling, and screenshots. Demonstrated application of Human-Computer Interaction concepts in a practical system.

Evolutionary Algorithms for Music Generation

- Developed a music generation system using evolutionary algorithms.
- Designed a 32-bit representation of musical notes and implemented mutation, crossover, and fitness evaluation techniques. Converted generated musical sequences into MIDI/MP3 formats

Summer Internships

Technical Internship – Zeetheta Algorithms – 19th May- 12th June 2025 (8 weeks)

Worked on **PROF-CONNECT**, a platform for AI matchmaking between professors and institutions with dedicated dashboards. My role was to design and build the AI Modules everything from smart scheduling to automated performance insights and tailored recommendations. I developed backend APIs, fine-tuned database workflows, and made sure the AI modules blended seamlessly with the rest of the system.

Achievements and Positions of Responsibility

- **Coordinator**, Dept. of Artificial Intelligence – Managed workshops, expert talks, and student-led events.
- **Head of Operations**, MUN Society – Organized Model UN events fostering diplomacy and leadership.