

WORK EXPERIENCE

Colrnx — Co-Founder

Nov 2025 – Present

Microsoft for startups · Function1 Founders Hub (Dubai) · Ahmedabad, India

- Building a GitHub-native AI hiring agentic platform.
- Full stack: Next.js 16 , FastAPI , Azure Container Apps , PostgreSQL , pgvector , Azure Entra External ID , Azure AI Foundry.
- Driving GTM with pilot companies; positioned as builder discovery + GitHub-native ranking.

AI Engineer & Product Manager — Intern · Clan

Jun 2025 – Oct 2025

Remote · New York, United States

- Designed Python-based AI content automation pipeline, cut content creation time from 6–7 hrs to 2 hrs per batch, saving 20+ hrs/week for the team.
- Managed backend + database systems for 100+ education creators serving 750+ video content pieces; improved delivery reliability and onboarding speed.

ML Researcher — Intern · Prodigy Infotech

May 2025 – Jun 2025

Remote · Pune, Maharashtra

- Built Python ML pipeline covering preprocessing, feature engineering, and statistical validation across KNN, Random Forest, and Logistic Regression models.
- Applied multiple imputation techniques and feature importance analysis on structured datasets; findings contributed to published review paper.

PROJECTS

Agency Workflow Automation Platform

[Github](#)

Gemini API · FAISS RAG · Gmail IMAP/SMTP · Google Calendar · SQLAlchemy · Python · FastAPI

- AI-assisted ops tool automating lead outreach, reply classification, meeting scheduling, and proposal drafting with human approval gates before all outbound actions.

UltraInstinct — AI Knowledge Management System

[Github](#)

Next.js 14 · ChromaDB · pgvector · RAG · SSE Streaming · Chrome Extension · PostgreSQL

- Self-hostable second brain with RAG chat, hybrid semantic search, real-time SSE streaming, and one-click Chrome extension capture from any webpage.

Music Genre Classification (10-class)

[HuggingFace](#)

PyTorch · EfficientNet-B0 · AST · Mel Spectrograms · Librosa · TTA · Ensemble Learning

- Ensemble classifier combining EfficientNet-B0 + Audio Spectrogram Transformer with ESC-50 augmentation and test-time augmentation; top-1 accuracy 87%+ on GTZAN.

EDUCATION

GLS University, Ahmedabad — B.Tech CSE · CGPA 9.0

Jul 2023 – May 2027

System Design, ML · DSA, OOD, Computer Organization, AI, Deep Learning, Computer Vision

IIT Madras — B.S. Data Science · CGPA 7.0

Sep 2023 – Sep 2027

Data Science, AI/ML, Deep Learning, DBMS, Modern App Dev, Business Analytics, Statistics, Linear Algebra

SKILLS

AI / ML	PyTorch , Transformers , LangChain , RAG Pipelines , pgvector , Inference, Production AI
Languages	Python , JavaScript , TypeScript , SQL , C++
Frameworks	FastAPI, Next.js, React , Vue, Node.js, Flask, Tailwind CSS
Cloud & Infra	Azure, Git, Docker, Kubernetes, GitHub Actions, Linux

RESEARCH

Data Preprocessing Pipelines in ML · [Review Paper, ScienceOpen](#) · 2025

Synthesized 50+ works across ML, LLMs, and agentic AI; analyzed multimodal pipeline strategies for AI reliability.