

Career Objective: Aspiring student researcher passionate about applying Deep Learning and Generative AI to solve real world, socially impactful problems through ethical and scalable research.

WORK EXPERIENCE

DataMites

Freelance Data Analyst

| April 2026 – Present

- Delivering Solutions to the real world data problems supporting fresh graduates by learning the art of data analysis,

IT Vedant

Freelance Data Analyst

| January 2026 – Present

- Mentoring and guided 200+ graduate trainees in Deep Learning and Generative AI concepts through structured teaching and hands-on project support.
- Mentoring learners in problem formulation, hypothesis testing, and experimental evaluation, mirroring real-world research workflows.
- Conduct research-oriented instruction in Deep Learning and Generative AI, emphasizing experimentation, model behavior analysis, and architectural trade-offs..

Zazpi Tech

AI Professional

| November 2025 - Present

- Helped graduate trainees learn foundational Machine Learning techniques
- Demonstrated AI Agents and their workflows
- Mentored and Trained 300+ students

EDUCATION

S.B. Jain Institute of Technology Management and Research	Nagpur
Bachelor of Technology Major in Data Science; Minors in Economics and finance Cumulative GPA: 7.64/10	2023 - March 2027
Indian Institute of Technology , Madras- (IIT, MADRAS)	Chennai
Bachelor of Science Data Science and its Application Cumulative GPA: 7.67/10	2023 - March 2027

ACHIEVEMENTS

Google Cloud GenAI Exchange Hackathon 2025

Bangalore, Karnataka

- TOP 10 FINALISTS**
- Ranked in top 10 amongst 2,78,000 participants and 5000 prototypes

IEEE CS STUDENT CHAPTER

Nagpur, Maharashtra

- Youth Parliament – Awarded as the **Best Opposition Party Leader**
- IDEATHON – Appreciated as Best Product Creator/Presenter

ORANGE CITY YOUTH CONCLAVE 2025

Nagpur, Maharashtra

Role: Delegate / Speaker

- Invited in a **Youth Leadership** and policy-making event focused on **drug awareness** and prevention.
- Worked in **collaboration with Nagpur Police** to address drug trafficking and substance abuse among youth.

RESEARCH PROJECTS

Post-Diagnosis Support for Cancer Patients using Generative AI (Ongoing)

- Exploring the use of Generative AI for post-diagnosis patient support, focusing on information summarization, care guidance, and emotional assistance.
- Studying how AI systems can help patients better understand treatment plans, side-effects, and follow-up care using reliable medical sources.
- Emphasis on ethical use, safety, and human-in-the-loop design rather than clinical decision-making.

AI Model for Screening Diabetic Retinopathy from Retinal Images (Ongoing)

- Developing an AI-based image analysis model to study automated screening of diabetic retinopathy using retinal photographs.
- Learning and experimenting with computer vision techniques to understand feature extraction and classification for medical imaging.
- Project is in early experimentation and learning phase, aimed at understanding feasibility and limitations of mass screening systems.

UNIVERSITY PROJECTS

LexEase AI-Powered Legal Assistant (2025)

- Built an AI driven assistant to analyse and simplify complex legal documents.
- Implemented **Natural Language Processing (NLP)**, **Deep Learning** and **Gemini API** for query handling and summarization, **Google Cloud Platform** for scaling.
- **Tech Stack:** Python, NLP, Google Cloud Platform, Firebase Auth, Gemini API

MediWise AI Medical Assistant (2025)

- Developed an intelligent medical assistant to provide symptom-based health insights.
- Integrated **RAG (Retrieval-Augmented Generation)** and **machine learning models** for accurate medical guidance.
- **Tech Stack:** Python, RAG, Hugging Face, TensorFlow, Scikit-Learn, Streamlit, Pandas, NumPy, FAISS (Vector Database)

Schizophrenia Classifier (2025)

- Designed a classifier for early detection of schizophrenia using **Deep Learning algorithms** and evaluation metrics for clinical decision support.
- **Tech Stack:** Python, Scikit-Learn, TensorFlow, Pandas, NumPy

Technical Skills

- Programming & Data Analysis: Python (Pandas, NumPy, Matplotlib, Seaborn), JavaScript (Node.js, TypeScript), Java, SQL
- Data Visualization: Power BI, Matplotlib, Seaborn
- Machine Learning: Scikit-Learn, TensorFlow, Keras
- AI Agent/Flow Development: Genkit (Google open-source, LLM integration and tool calling, JS/TS/Go/Python SDK)\
- Cloud & Deployment Platforms: Firebase (Hosting, Cloud Functions, app secrets), Google Cloud Platform (Cloud Run, Vertex AI, AI Studio)
- Tools & Development Platforms: Git, GitHub, Jupyter Notebook, Google Colab, VS Code, Hugging Face.

Soft Skills

Problem Solving Critical Thinking Innovation Leadership Teamwork Communication Adaptability Time Management
