

Pranav Patil

AI & ML Engineer | Intelligent Automation & AI Systems

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Computer Science graduate with 3+ years hands-on experience in AI/ML development, deep learning, and full-stack AI applications. Built end-to-end ML solutions from preprocessing to deployment. Self-taught developer with expertise in complex algorithms and model optimization. Seeking AI Engineer opportunities for cutting-edge research and product development.

EDUCATION

Bachelor of Engineering in Computer Science

Imperial College of Engineering and Research, Pune University

Dec 2021 – May 2025

Pune, Maharashtra

- **Relevant Coursework:** Machine Learning, Deep Learning, Natural Language Processing, Data Structures & Algorithms

TECHNICAL SKILLS

Programming: Python, C++, SQL, JavaScript, HTML/CSS

ML/AI: TensorFlow, Keras, PyTorch, Scikit-learn, NumPy, Pandas, HuggingFace, LangChain

Data Science: Matplotlib, Seaborn, PowerBI, Excel Advanced, Statistical Analysis

Tools: FAISS, OpenAI API, Google AI API, PostgreSQL, GCP, Streamlit, FastAPI, React.js, Git

LEADERSHIP & HACKATHON EXPERIENCE

Tech Executive — Event Strategist

ACES Committee

Jun 2024 – May 2025

Pune

- Managing a team of 8+ coordinators to organize large-scale technical events and hackathons
- Collaborating with industry professionals to design workshops attended by 200+ students

UI Frontend Developer — Hackathon Participant

Outlier.ai Hackathon

Mar 2025

Remote

- Ranked as a top performer among 200+ participants in a high-stakes UI/UX development competition
- Designed and built 3 responsive React.js applications using modern web technologies

Dev Team Executive — Technical Leader

Google Developer Student Club (GDSC)

Aug 2023 – Oct 2024

Pune

- Led coding workshops for 50+ students with a 95% satisfaction rate, empowering them with technical skills
- Organized and conducted sessions on Graph Traversal Algorithms and competitive programming strategies

KEY PROJECTS

Vox-Stitch – Multi-AI Platform | *React.js, FastAPI, Supabase*

Mar 2025

- Architecting platform unifying 6+ AI models with microservices architecture
- Implementing scalable backend with conversation history and user management

ArxivLensAI – Intelligent Research Assistant | *Python, RAG, HuggingFace, LangChain*

Feb 2025

- Built end-to-end RAG system for ArXiv paper summarization with semantic search pipeline
- Reduced research time by 60% through interactive Streamlit dashboard

Advanced ML Implementations | *PyTorch, NumPy, Scikit-learn*

2023-2024

- Built Transformer architecture from scratch implementing attention mechanisms
- Created EmoBot NLP system achieving 85%+ accuracy in sentiment classification

E-Commerce Analytics Dashboard | *PowerBI, Python, DAX*

Aug 2022

- Analyzed 50K+ sales records with 15+ dynamic visualizations for trend analysis
- **Achievement:** Top 10% finalist in Growth School PowerBI Competition

ACHIEVEMENTS & CERTIFICATIONS

Top 10% Finalist – PowerBI Dashboard Competition by Growth School (2024)

Active Kaggle Competitor – Mental Health Analytics, Obesity Prediction challenges

French Language Certification – A1 Level proficiency

Self-Taught AI Practitioner – Mastered ML/DL through independent study

Final Year Research Project: TrustChain – Led development of blockchain-based e-tendering system for government procurement, contributing to academic research and publication

AVAILABILITY

Immediate joining | Open to remote work | Pune/Mumbai preferred

References: Available upon request