Pranav Patil

Pune, India | +91 9881973647 | puneet.pranav04@gmail.com

PROFESSIONAL SUMMARY

Computer Science student with 3+ years of hands-on AI/ML development, deep learning, and full-stack experience. Skilled in building end-to-end ML solutions—from data pipelines to deployment—and proficient in both browser and server code. Demonstrated expertise in API development and model optimization using leading frameworks. Eager to contribute to scalable machine learning and NLP product enhancements at Cohere.

EDUCATION

Imperial College of Engineering and Research, Pune University   **Dec 2021 - May 2025**
Bachelor of Engineering, Computer Science
- **Coursework:** Machine Learning, Deep Learning, Natural Language Processing, Data Structures & Algorithms

KEY PROJECTS

Vox-Stitch - Multi-AI Platform   **Mar 2025**
- Architecting platform unifying 6+ AI models with microservices architecture
- Implementing scalable backend with conversation history and user management

ArxivLensAI – Intelligent Research Assistant   **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   **2023 - 2024**
- Built Transformer architecture from scratch implementing attention mechanisms
- Created EmoBot NLP system achieving 85%+ accuracy in sentiment classification

E-Commerce Analytics Dashboard   **Aug 2022**
- Analyzed 50K+ sales records with 15+ dynamic visualizations for trend analysis
- Achievement: Top 10% finalist in Growth School PowerBI Competition

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

CERTIFICATION

- **French Language Certification**: A1 Level proficiency

LEADERSHIP & HACKATHON EXPERIENCE

ACES Committee   **Jun 2024 - May 2025**
Tech Executive — Event Strategist
- 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

Outlier.ai Hackathon   **Mar 2025**
UI Frontend Developer — Hackathon Participant
- 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

Google Developer Student Club (GDSC)   **Aug 2023 - Oct 2024**
Dev Team Executive — Technical Leader
- 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

ACHIEVEMENTS & CERTIFICATIONS

- Top 10% Finalist – PowerBI Dashboard Competition by Growth School (2024)
- Active Kaggle Competitor - Mental Health Analytics, Obesity Prediction challenges
- 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