

Pranav Sharma

+919354166121 | reach.sharmapranav@gmail.com | linkedin.com/in/pranvshrma | github.com/Pranv-Shrma

EDUCATION

Amity University	Jan 2025 – Present
Master of Computer Application	
Delhi Skill & Entrepreneurship University	Oct 2021 – June 2024
Bachelor of Computer Application	CGPA : 8.93/10

EXPERIENCE

AI Backend Engineer - Persist Ventures Remote	Nov 2024 – Jan 2025
<ul style="list-style-type: none">Reduced user transcription generation time by 70% by integrating Nova model over OpenAI Whisper, improving accuracy and mitigating hallucinations while maintaining cost efficiency.Refined audio processing model parameters, decreasing false wake word detections by 50% giving consistent and accurate responses to users.Refactored backend code to eliminate redundancies, resolving critical bugs and implementing async functions to increase app performance.Collaborated with frontend team to prioritize simplicity and accessibility enhancements that elevate user engagement and feature usage.	

PROJECTS

End-to-End MLOps Pipeline for Network Security System
<ul style="list-style-type: none">Integrated MLflow, DVC, and GitHub Actions to automate model training, versioning, and deploymentDeployed the entire pipeline on AWS using services like S3 bucket, EC2 instance etc. for scalabilityFollowed an industry-standard MLOps approach while being practical and deployment-ready
End-to-End House Pricing Analysis and Prediction System
<ul style="list-style-type: none">Performed deep analysis with insights and implemented code design patterns with focus on scalabilityDeployed MLOps with tools like ZenML & MLflow for experiment tracking and deployment

TECHNICAL SKILLS

Languages: Python, HTML/CSS, JS, Dart
Developer Tools: Git, Docker, VS Code, Amazon Web Services, Azure Platform
Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn, Pytorch, TensorFlow, Keras, OpenCV, Streamlit
Database: SQL, PostgreSQL, MongoDB
Other: Linux, PowerBI

CERTIFICATIONS

Machine Learning Specialization | Coursera, DeepLearning.AI & Stanford University
Deep Learning Specialization | Coursera, DeepLearning.AI & Stanford University

ACHIEVEMENTS & EXTRACURRICULAR ACTIVITIES

- Spearheaded the launch of the GeeksforGeeks (GFG) chapter in the university, attracting 200+ participants and securing CEO Mr. Sandeep Jain as the guest speaker.
- Organized and managed event logistics for establishment ceremonies, increasing student participation by 30%.
- Served as the lead anchor at multiple club inaugurations and university fests, demonstrating excellent public speaking and organizational skills.
- As the Captain led my team to victory in the inter-university Volleyball championship.