

Abhinav Sushil Varshney

+91 8299721941 | abhinavvarshney1426@gmail.com | linkedin.com/in/abhinav-sushil-varshney

EDUCATION

Bachelor of Technology in Computer Science & Business Systems	Pursuing - 2026
Amity University Uttar Pradesh Noida	
X - ICSE	2020
Lucknow Public School	
XII - ISC	2022
Lucknow Public College	

PROFESSIONAL EXPERIENCE

Marksman Technologies - AI & Automation Intern <i>Python, RAG, OpenAI</i>	May - Jul 2025
<ul style="list-style-type: none">Designed and integrated AI solutions including intelligent chatbots and multimodal GenAI (text/image/voice).Automated manual business workflows with advanced low-code tools, improving team efficiency by 30%.	
Cisco VIP - Cyber Security Intern <i>Cisco Packet Tracer</i>	Jun - Aug 2025
<ul style="list-style-type: none">Completed Cisco's AICTE virtual internship in cybersecurity, gaining hands-on experience in threat detection and risk mitigation.Developed practical skills in secure network practices through guided, industry-oriented tasks.	

PROJECTS

MyFitnessBuddy - AI Fitness Coach <i>Azure, OpenAI, CosmosDB, RAG</i>	
<ul style="list-style-type: none">Built a personalized AI fitness assistant using retrieval-augmented generation (RAG) to generate goal-specific workout and diet plans.Integrated Azure services (Prompt Flow, AI Search) for fast, context-aware responses across structured and unstructured data.	
NetMarshal - AI-Powered Network Automation Framework <i>NFStream, Scikit-learn, Netmiko, Streamlit, GNS3</i>	
<ul style="list-style-type: none">Built an intelligent network management system using a closed-loop sense-decide-act architecture to automate traffic analysis and policy enforcement.Implemented machine learning-based device and application classification, enabling real-time QoS optimization and autonomous network control across multi-vendor environments.	
AI - Powered PCOS Detection <i>U-Net, YOLO, GAN, Ultrasound Imaging</i>	
<ul style="list-style-type: none">Researched and applied deep-learning models for early detection of PCOS in ultrasound images.Improved diagnostic efficiency by reducing reliance on manual interpretation and enhancing consistency.	
ConvoAI - AI Voice Call Assistant <i>Android, Whisper, Speech Recognition</i>	
<ul style="list-style-type: none">Developed a voice-powered Android assistant leveraging OpenAI's Whisper for high-precision, real-time speech-to-text transcription and intelligent, hands-free call management.Optimized on-device speech recognition pipelines to ensure low-latency intent detection and battery efficiency while maintaining accuracy across diverse acoustic environments.	
VIP Bot - AI-Powered Financial Intelligence Platform <i>Python, TensorFlow, Scikit-learn, Node.js, WebSocket</i>	
<ul style="list-style-type: none">Engineered a multi-asset trading intelligence platform providing real-time AI price predictions for Equities, Crypto, and Forex using an ensemble of LSTM, LightGBM, and Prophet models.Architected a multi-agent framework and a WebSocket-based dashboard to deliver holistic market reports and live signals, integrated with a Node.js data bridge for NSE/BSE markets.	

ACHIEVEMENTS

Club President <i>Playstorm Amity University Club</i>	(2025 - Present)
<ul style="list-style-type: none">Led 100+ active members and organized 15+ gaming tournaments and strategy workshops on campus.Initiated outreach campaigns and industry collaborations to grow the club's visibility and partnerships.	

TECHNICAL SKILLS

Languages: C, C++, Java, JavaScript, Python
Tools: Git, VS Code, IntelliJ, Android Studio, Power BI, MS Project
Libraries/Frameworks: Pandas, NumPy, PyTorch, TensorFlow, OpenCV, Whisper, Speech Recognition
Core Concepts: Data Structures and Algorithms, Object-Oriented Programming, Operating System, Computer Networks

CERTIFICATIONS

CISCO: Cyber Security Essentials CCNAv7 (I, II & III) Python Programming Essentials (I & II) Ethical Hacking.
NVIDIA: Fundamentals of Deep Learning Apply AI: Analyze Customer Reviews .
Data Analytics: GenAI Powered Data Analytics Job Simulation, Microsoft Data Analyst, Power BI, Tableau.
Blackstone: Introduction to IoT Digital Transformation.
NPTEL: Understanding Design.