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Garv Anand

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Summary

Computer Science student with expertise in AI/ML and full-stack development. Delivered multiple technical projects in team environments, including workshop and event facilitation for students. Quickly adaptable to new technologies and maintaining performance during high-pressure situations. Focused on building applications that create meaningful impact for users.

Skills

Programming: Python, C++, SQL, JavaScript
Web Development: React, Tailwind, Django, Flask
AI/ML: TensorFlow, PyTorch, scikit-learn, OpenCV, NLTK
Tools & Platforms: Azure, Git, GitHub, Docker, Streamlit
Databases: MySQL, PostgreSQL, MongoDB
Soft Skills: Strategic thinking, Leadership, Flexibility

Education

VIT Bhopal University — Bhopal, MP
B.Tech CSE (AIML) — CGPA: 8.83/10 — 2023 - 2027
Coursework: DSA, OOPs, ML, DL, Computer Vision

Ryan International School — Delhi
Class 12 Science (Non-Medical) — 88.2% — 2021

Ryan International School — Faridabad
Class 10 CBSE — 96% — 2019

Experience & Leadership

GenAI Solution Developer Intern, ROVA (Botter Solutions Pvt Ltd) — May 2025 – Present
At a fast-paced GenAI startup, engineered vision-parsing pipelines with LLaMA Parse, YOLOv11/v8 by navigating real-world constraints, debugging edge cases, and self-driven deep dives into emerging tools.

Microsoft Learn Student Ambassador (Beta) — Jan 2024 – Present
Delivered 3 Azure/AI workshops to 150+ students (92% satisfaction), delivered Git/GitHub, ML tutorials.

General Secretary, Hindi Club — Jul 2024 – Present
Created UTR verification & QR systems reducing processing time by 70% across 1,500+ transactions and 1000+ attendees

Student Coordinator, SPACEVITA — Jan 2024 – Present
Led event coordination for a 300+ attendee university event featuring the Former ISRO Director, documentary.

Projects

Multimodal Speech Emotion Recognition | Deep Learning
Bi-LSTM, Transformers, CNNs, RNNs — *June 2025 - Present*
- Built a multimodal deep learning framework aimed at enhancing student engagement and actionable insights in virtual classrooms. The system integrates Bi-LSTM, CNN, and Transformer-based architectures to effectively extract and analyze emotional cues—acoustic, semantic, and linguistic—from both voice and video data. Leveraged the RAVDESS and CREMA-D datasets.

Document Approval System | Software Development
React, CSS, Firebase — *June 2025 – July 2025*
- Built a platform to streamline the university's document approval process by enabling online submission, tracking, and feedback—cutting approval time from days to hours and eliminating repeated physical visits.

VITAL-AI | Full-Stack
Machine Learning, Python, React, TensorFlow, Flask — *Feb 2025 - Mar 2025*
- Developed a comprehensive platform during a HackByte 3.0 at IIITDM Jabalpur that combines daily health monitoring (Google Fit sync, water and fasting trackers) with real-time disease risk prediction using Random Forest models.
- Designed intuitive UI dashboards and Flask APIs to visualize health trends, flag risks, and recommend doctor visits based on combined vitals and diagnostic results.

Advanced Parkinson's Detection via Speech Analysis | Artificial Intelligence
LSTM Neural Networks, Python, GRUs, GAN — *Jan 2025 - Feb 2025*
- Engineered a Bi-LSTM model to detect early Parkinson's disease from speech, achieving 93% average accuracy with strong F1-score and precision on benchmarked datasets(with 195 entries).
- Research paper and results submitted to *Elsevier's AI in Medicine* journal (Scopus indexed) for publication.

Achievements & Competitions

Competitive Programming
- CodeChef: **1599-rated** with consistent monthly contest participation.
- LeetCode: Solved **200+ problems** across DSA domains.
- Strong foundation in algorithms and problem-solving.

Hackathons & Competitions
- Bank of Baroda Hackathon: **Top 20** among 5,000+ participants with AI Financial Advisory solution.
- Amazon Sambhav Hackathon: **Top 5%** - Advanced to Prototype Round with product listing platform.
- ACWOC25 (Open Source): **3rd place** among 600+ participants for code quality and innovation.

Certifications

Applied ML in Python (University of Michigan)
Android Club Winter of Code
Google Code-in 2019
Google Code-in 2018