Amey Medewar

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GitHub · LinkedIn · Kaggle · Leetcode · Google Scholar · Certificates

Education

SGGSIE&T, Nanded, Maharashtra (Government-Aided Autonomous Institute)	Present **-** May 2026
B.Tech in Information Technology	*CGPA: 9.5/10*
Jawahar Navodaya Vidyalaya, Chhatrpati Sambhajinagar, Maharashtra	Jul 2020 - Jun 2022
Higher Secondary Certificate	*91.33%*

Skills

Languages: Python, Java, C++, C

CS Constructs: Data Structures, Operating Systems, Database Management System, Computer Networks, Wireless Security, ASP Dot Net Application.

Frameworks/ Libraries: NumPy, Pandas, Matplotlib, PyTorch, Scikit-learn.

Tools/ Software: Linux, GitHub, StarUml, Colab, Docker, Wix, Wireshark, Neo4j.

Technologies: Neural Networks, Natural Language Processing (NLP), Computer Vision, Reinforcement Learning, Deep Learning, Machine Learning, LLMs, Langchain.

Projects *(Visit **Portfolio Link** for more projects.)*

AI Based Powerpoint Presentation Generator (Github)	Jun 2025

Technologies: Python, Deep Learning, Agentic AI, Langchain
- Built an AI tool using Python and Langchain to generate PowerPoint slides from user input.

Bone Fracture Detection using Ensemble learning Models (Github)	Jun 2024

Technologies: Python, Deep Learning, Ensemble Learning
- Implemented ensemble learning to achieve 92% accuracy in bone fracture detection.

Pothole Segmentation (Deep Learning, Python) (Github)	Apr 2024

Technologies: YOLO, Python, Computer Vision, TensorFlow
- Engineered a YOLO-based deep learning model for accurate pothole detection and segmentation.

Experience

• **miniOrange, Pune	Software Engineering Intern**	June 2025 – Jul 2025

Implemented Single Sign-On (SSO) using OAuth 2.0 protocol for WordPress-hosted websites to enhance security.

• **Cloud Cad AI	Machine Learning Intern**	Mar 2025 – June 2025

Worked on developing a PLM (Product Lifecycle Management) system integrated with AI for manufacturing industry.

• **Ganpat University, Mahesana, Gujrat	Research Intern**	Jan 2025 – Mar 2025

Selected for WSRIP program of university to work on research project, specializing in medical diagnosis.

• **Amity University, Noida	Research Intern**	Jun 2024 – Jul 2024

Selected among 30 students across India for the prestigious USRF program, specializing in deep learning.

Extra Curriculars / Club Activities

• Training and Placement Cell	Placement Drives Executive	Nov 2023 – Present
• RNXG	Technical Project Associate	Feb 2023 – May 2024
• Zenith	Finance Head	Jan 2025

Certifications & Publications

- A Review on Fire and Smoke Detection and Control using Machine Learning and Internet of Things Click Here
- Fundamentals of Deep Learning by Nvidia Certificate
- Bootcamp on wireless security by IIT, Hyderabad. Certificate
- Glide No Code Development and AI Business Software Certificates Certificate

Achievements

- Achieved a global rank in the top 60,000 on LeetCode, with over 1,000 data structures and algorithms problems solved across various competitive programming platforms.
- Secured rank 1 in both the 1st, 2nd and 3rd years of academics at the institute. Rank Certificate
- Led as Class Representative for two years, demonstrating leadership, public speaking proficiency and coordination.
- Cleared GATE 2025 in Data Science and Artificial Intelligence (DA) with a GATE score of 417. Score Card
- Achieved Rank 1 at Ganpat University's WSRIP-2024 Competition. Certificate