

Aman Vaibhav

First Year B. Tech Student

Computer Engineering

Army Institute of Technology, Pune

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Academic Details

Year	Degree	Institute	Percentage/CGPA
2025-present	BTech in Computer Engineering	Army Institute of Technology, Pune	

Objective

To pursue graduate studies in computer engineering, leading to a career as a Software Development Engineer. I am also interested in entrepreneurship so I continue to meet people of similar mindset and contribute to startups so that one day I can have one of my own.

Major Projects

AI driven E-DNA Pipeline:

October 2025 - Present

- The AI-driven Deep-Sea eDNA Pipeline is an intelligent system designed to identify, classify, and analyse marine biodiversity directly from environmental DNA samples without relying heavily on reference databases.

AI for Disaster Management and Climate Change:

Prof. Seema Tiwari, R&D cell, AIT, Pune

October 2025

- This project aims to leverage machine learning to build intelligent early warning systems and optimize emergency response workflows. By analysing multi-source data (e.g., satellite imagery, sensor networks, weather feeds, and social media), ML models can forecast risks, detect anomalies, and recommend proactive interventions.

Transparent System to bridge the Gap between NGOs, Government and Citizens

September 2025

- This project aims to connect people with problems of any kind to connect with their local NGOs give reviews to them and score them based on their work which would be visible to the government organizations as well as the citizens so that there is an efficient system to help people and reduce corruption.

Scholastic Achievements

- Jee mains: 96.8percentile and an AIR of 49k.
- NEET 2025: 98.6 percentile and AIR of 38k.

Computer Skills

- Programming Languages: C/C++, Python, JavaScript, HTML, CSS
- Platforms: Linux and Windows.

Extra-Curricular Activities

- Programming Contests: Actively participate in online programming contests (OPC):
 - Participated in SIH 2025. (shortlisted in college level)
 - Participated in PCCOE Indradhanu Hackathon. (shortlisted in first round)
 - Participate in Code slayer hackathon hosted by Nit Delhi.
- Won Tug of War competition in college.

Positon Of Responsibility

- Member of the Innovation and Entrepreneurship of Army Institute of Technology, Pune.
- Team Leader in Smart India Hackathon and PCCOE Indradhanu Hackathon.