

ANANYA SHAH

AI/ML Engineer | Software Developer

Highly motivated **Software Developer** and **AI/ML Engineer** with strong experience in **Machine Learning, Generative AI**, and full-stack development. Recognized for outstanding innovation by being **Selected for the Dewang Mehta IT Awards 2025** (Top 14 Projects) for the Gen-AI Powered Quotation System. Seeking to leverage deep technical expertise in advanced studies focusing on Artificial Intelligence and Large Language Models.

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EDUCATION

Ahmedabad Institute of Technology

Bachelor of Engineering (BE) in Computer Engineering

2021 – 2025

SKILLS

- **Languages:** Python, JavaScript, SQL, C, HTML, Java, .NET
- **AI/ML:** NLP, LLMs, Deep Learning, Vector Databases, SentenceTransformer
- **Frameworks:** Node.js (Express.js), Next.js, React.js, Flask, NumPy, Pandas
- **Tools:** Git, GitHub, REST APIs, Firestore, Docker, Redis, Jupiter, VS Code, Google Colab
- **Database:** SQL Server, MongoDB, Oracle
- **Soft Skills:** Problem Solving, Team Collaboration
- **Cloud Technology:** AWS (basic)

WORK EXPERIENCE

OPERISOFT TECHNOLOGIES PVT. LTD.

Software Developer | Full-time

June 2025 – Present

- Contribute to full-stack development using **Node.js** and **Next.js**; focus on optimizing APIs and enhancing scalable components.
- Collaborate with senior engineers on debugging complex issues and implementing solutions across the product roadmap.
- Support Android development by building UI components, integrating APIs, and improving app performance and stability.

CYGNET.ONE

AI/ML Intern

Jan 2025 – Apr 2025

- Developed an **AI-powered Quotation Generation System** utilizing ML and Vector Databases, reducing manual process time.

- Integrated embeddings-based semantic search (**SentenceTransformer**) into a Flask and React production pipeline.

CYGNET.ONE

AI/ML Intern

May 2024 – Aug 2024

- Built an **Insurance Document Search System** using Machine Learning for information retrieval.
- Developed feature extraction and semantic matching models, focusing on feature engineering and pipeline automation.

CENTER OF EXCELLENCE (SAP COE)

Participant

2023 – 2025

- Completed ML projects (Face Recognition, Image Detection) and received intensive training in Machine Learning, Deep Learning, IoT, Cybersecurity, and **SAP BTP**.

KEY PROJECT

GEN-AI POWERED QUOTATION GENERATION SYSTEM (Cygnet.One)

Dewang Mehta IT Awards 2025 – Selected (Top 14)

- Built a Generative-AI platform automating quotation creation using **LLMs** and **Vector Databases**.
- Created a Flask backend leveraging **OpenLLaMA 3B** for intelligent text understanding and product auto-classification.
- Developed a professional React + Tailwind UI with PDF export functionality using jsPDF.
- **Tech Stack:** Python (Flask), React.js, OpenLLaMA, SentenceTransformer, Vector Databases.

CERTIFICATIONS

- **IoT Cyber Security and SAP Analytics Cloud** (Edunet Foundation - COE) — May 2025 
- **Machine Learning, Deep Learning, Computer Vision & SAP ABAP on BTP** (Edunet Foundation - COE) — Apr 2024 
- **Data Analysis with Pandas and Python** (Udemy) — Nov 2025 
- **The Complete Python Programming Course** (Udemy) — Mar 2023 

Extra Curricular Activities

2021 – 2025

- Served as a member of the **Google Developer Student Club (GDSC)** for one year, contributing to technical and community-focused initiatives.
- Core team member for **Techfest 2024**, assisting in planning, coordination, and successful execution of technical events.
- Organized and participated in multiple college events, ensuring smooth event management and active involvement in campus activities.