


# Vinit Shah

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 [Vinit Shah](#) |  [vinit6515](#) | Mumbai, Maharashtra

## EXPERIENCE

### • Ahmedabad University

February 2025 - March 2025 Research Intern

Remote

- Developing CNN's to identify and classify Crocodiles.
- Implemented YOLO v8, enhancing the accuracy and precision of the existing implemented technology.
- Worked on large and raw datasets and implemented various image pre-processing techniques.

### • DJS NOVA

September 2023 - Present Treasurer

Mumbai, Maharashtra

- Preliminary discovery at NSASC.
- Annual Budget and Financial Analysis of committee's expenses.
- Conducted and Executed Event Horizon 2.0 with footfall of 250+ people and 1000+ impressions.

## EDUCATION

### • SVKM'S Dwarkadas J Sanghvi College Of Engineering

Mumbai, India

B.Tech in Computer Engineering with Honors in Intelligent Computing

November 2022 – June 2026

- CGPA: 8.67/10.00

### • RR International Junior College of Science and Commerce

June 2022 High School

Mumbai, India

- Percentage: 81%

## PROJECTS

### • Sahayata: AI-Powered Emergency Response Platform (DataForge Hackathon 1st Runners-Up)

Tools: Gemini AI, OpenAI GPT, Grok, Python, TensorFlow, React, Flask

April 2025  [GitHub](#)

- **Led a team** that developed an AI platform for forecasting disasters and optimizing emergency response.
- Implemented **multi-LLM intelligence framework** utilizing Gemini, OpenAI, and Grok for different emergency response tasks.
- Designed **prompt engineering strategies** enabling Gemini to analyze scenarios, OpenAI to generate response documentation, and Grok to summarize emergency trends.
- Created an AI-powered calling agent using OpenAI's APIs to automatically notify emergency services with structured alerts.

### • WorkForce: Facility Management Service (D2K Hackathon Finalist)

Tools: Next.js, TailwindCSS, GeminiAI, Flask, MongoDB, Tensorflow

March 2025  [GitHub](#)

- Role Based Access with Multiple Dashboards to Facility Managers and Workers.
- **Engineered AI-powered task allocation** using refined prompting strategies with Gemini AI.
- Developed ML-model to reward incentives to workers based on performance metrics.
- Created User-Friendly UI Event Calendar and WhatsApp Integrated ChatBot with optimized conversational flows.

### • NyaySuvridha: AI-Legal Assist Chatbot for Low Income Level Individuals

Tools: Next.js, Flask, Twilio, OpenAI, Selenium, N8N Workflows, RAG Models

March 2025  [GitHub](#)

- Developed RAG Models with **custom prompt templates** to generate legal documents based on document templates.
- **Implemented multiple LLMs with specialized prompting techniques** to generate workflows based on user queries.
- Engineered WhatsApp Chatbot using Selenium with OpenAI integration for conversational legal assistance.
- Created calling agent with Twilio API and OpenAI for users without smart device access, focusing on natural language interaction.

## SKILLS

- **AI ML:** Large Language Models (LLMs), Prompt Engineering, OpenAI, Gemini AI, Grok, RAG Models, TensorFlow, PyTorch, YOLO
- **Programming:** Python, Javascript, Java, C, C++, SQL
- **Web Technologies:** HTML, CSS, TailwindCSS, Bootstrap, React, Node, Next.js, Flask, FastAPI, MongoDB, MySQL
- **Additional Skills:** Natural Language Processing, AI Chatbot Development, LangChain, Multi-modal AI

## CERTIFICATIONS

- **Google Cloud:** [Introduction To Responsible AI](#)

January 2025

- **HackerRank:** [Java Basic](#)

June 2023