

Jenil Shah

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EDUCATION

SVKM's Dwarkadas Jivanlal Sanghvi College of Engineering

Computer Science and Engineering : Data Science

May 2026

CGPA: 8.6

ACHIEVEMENTS

- Candidate Master - **Codeforces (Max Rating 2015)** | Top 0.15% in India Among 100k+ (AIR 129)
- 5 Star - **Codechef** | Top 0.5% Among 200K+ Active Users
- AIR 2 and Global Rank 58 | With an **International Grandmaster Performance** in Educational Codeforces Round 158 (Div 2)
- Rank 615 in Meta Hacker Cup 2024
- Rank 57 in TCS Codevita 12
- Winner at Algorythmia, CordeSpree and 10+ CP Contests in India.

PROJECTS

Movie QA | Python, Langchain, Selenium, Faiss

Jun 2024

- Implemented a question-answering system using a Retrieval-Augmented Generation model with Gemini.
- Built a robust web scraping bot using Selenium to efficiently extract movie reviews from IMDB, reducing the time of extraction by 20%.
- Utilized state-of-the-art embedding models from Google AI to represent text data for improved question-answering capabilities.
- Produced generalized tools and agent creation functions, facilitating the addition of new information sources and functionalities with minimal effort.

Catalyst: Chemistry Edutainment Website | ReactJS, Flask, Decimer, Transformers

May. 2024

- Feature-rich Website, offering 4 engaging features such as compound lookup, AI quiz generation, duels, and compound drawing flashcards.
- Engineered robust Flask APIs to facilitate every feature of the platform.
- Implemented the AI quiz generation functionality and the chemical compound recognition using Decimer - a powerful Pretrained Model with 96% Accuracy.
- Orchestrated the integration of Flask APIs and PubChem API-Open repository for Chemical Information, with the frontend interface.

Evolution Simulation | Python, Pygame

Apr. 2024

- Formulated efficient Genetic Algorithm components, including selection, crossover, mutation, and fitness evaluation functions, to simulate genetic evolution accurately.
- Created interactive visual elements using Pygame, enhancing user engagement.

EXTRACURRICULARS

Codestars | Vice Chairperson

Nov 2023-Present

- Constructed problem statements for and Organized 4 Competitive Programming Events, including the Largest Competition in Mumbai in 2024.
- Facilitated post-contest discussions after every contest on discord and Youtube , with 2k+ views, and taking live lectures, enhancing their coding comprehension and problem-solving skills.

Society for Data Science, Google Developer Student Club, National Student Data Corps

Apr 2023-Apr 2024

- Created innovative problem statements for 2 Hackathons and 2 Technical Events.
- Organized 3 Hackathons and 2 unconventional Technical Events.
- Conducted and Mentored a workshop for Deep Learning organized by GDSC, aiding 50+ students in diving into the topic.

AIESEC | Team Leader

Jan 2023-Jan 2024

- Managed international relations and sales for outgoing volunteers, leading a team of 4 members.
- Recognized as the top performer, achieving 2L in income by facilitating the successful deployment of 11 volunteers abroad to create impactful change.
- Coordinated the recruitment cycle and ensured the seamless processing of 192 applicants.

SKILLS

Languages: C/C++, Python, Java, JavaScript, HTML/CSS

Tools: MySQL, VS Code, Jupyter Notebook, Git/Github

Libraries: Pandas, NumPy, Tkinter, ScikitLearn, Tensorflow, Pytorch, Langchain, MLX, Selenium, Flask