

ADITYA AKHILESH PATEL

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SUMMARY

Seeking to leverage my development skills to streamline processes, increase efficiency and build great software. Driven to learn and work hard to exhibit a solid understanding and expertise in the Software Engineering Industry.

EDUCATION

Bachelor of Engineering in Computer Engineering

Xavier Institute of Engineering (UoM), **GPA: 9.63**

December 2021 – May 2025

Mumbai, MH, IN

AISSCE (CBSE), Class XII (PCM+Cs)

D.A.V. Public School, **Percentage: 95.2%**

July 2021

Panvel, MH, IN

SKILLS

- **Technical Skills:** C/C++, Java, Python, HTML/CSS, JavaScript, React.js, Git, MySQL, Linux.
- **Soft Skills:** Communication, Time management, Quick learner, Leadership, Multi-tasking.

EXPERIENCE

Data Analytics Academic Internship

CSRBox (with IBM)

June 2023 - July 2023

Mumbai, India

- Acquired foundational knowledge in Data Analytics.
- Explored the end-to-end lifecycle of data science projects.
- Explored diverse domains within the data analytics field.
- Spearheaded the development of an Image Super Resolution engine as a pivotal project contribution.
- [View certificate](#)

PROJECTS

ISR-GAN | Python, GANs, Tensorflow, OpenCV, Streamlit | [View](#)

June 2023 - November 2023

- * Developed an image super-resolution app using GANs, achieving a 4x resolution boost.
- * Conducted GAN model training on Google Colab and implemented a user-friendly frontend with Streamlit.

Content Based Movie Recommendation System | Python, Numpy, Pandas, Streamlit | [View](#)

February 2023 - April 2023

- * Designed a movie recommendation system suggesting 6 similar films based on a user's watched movie.
- * Applies Cosine Similarity to measure content likeness, considering actors, director, genre, and film description.

Password Manager | Python, SQL | [View](#)

July 2022 - October 2022

- * Built a functional password manager as a part of the termwork.
- * Empowers users to generate random passwords of flexible lengths (16-256 characters).
- * Enables easy storage, updating, and management of multiple entries and their respective passwords.

EXTRACURRICULAR ACTIVITIES

Website Manager

TEDxXIE

September 2023 - Present

Xavier Institute of Engineering

- * Part of the Design and Documentation team for TEDxXIE 2023.
- * Focusing on building the website for the event.

Website Volunteer

Spandan

December 2022 - January 2023

Xavier Institute of Engineering

- * Designed a website for the annual fest, Spandan.
- * Showcases various events and their details, for easy reference of the visitors.
- * Easy to access and is mobile responsive. [View it here.](#)

Class Representative

Department of Computer Engineering

January 2022 - Present

Xavier Institute of Engineering

- * Facilitated efficient communication between the faculties and the class.

House Captain

School's Student Council

August 2019 - August 2020

D.A.V. Public School

- * Achieved the title of "Best House of the Year".
- * Organised and Managed numerous high profile events, working in close contact with the management of the school.