Aditya Akhilesh Patel

Panvel, MH, IN

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Result-oriented undergraduate with 3 months of hands-on industry experience, poised to leverage skills and passion into a full-time Software Development Engineer (SDE) role starting May '25.

EDUCATION

Xavier Institute of Engineering, *B.E. (Computer Engineering)* | Mumbai, IN   **CGPA: 9.69**   2021 - 2025
D.A.V. Public School, New Panvel, *CBSE Class XII* | Panvel, IN   **Percentage: 95.2%**   July 2021
D.A.V. Public School, New Panvel, *CBSE Class X* | Panvel, IN   **Percentage: 94.2%**   May 2019

EXPERIENCE

Tradinx, *Software Development Engineer Intern* | Hybrid (Mumbai, IN)   Jan 2024 - Mar 2024
- Spearheaded the development of an analytics platform using SvelteKit, a key product for the company's customers.
- Collaborated on frontend design, API integration, and project management, fostering efficient cross-functional teamwork.
- Reduced load times by **34%** through strategic prefetching and optimized backend data retrieval, enhancing user experience and responsiveness.

CSRBox (with IBM), *Data Analytics Academic Intern* | Remote (Mumbai, IN)   Jun 2023 - Jul 2023
- Led a 4-person team to develop an image super resolution engine.
- Mastered the fundamentals of Data Analytics through an intensive 12-week training program, gaining proficiency in Python, SQL, and statistical analysis techniques. Enhanced data-driven decision-making capabilities and problem-solving skills.

SKILLS

Technologies	C/C++, Python, Java, JavaScript, HTML, CSS, Svelte/SvelteKit, React, MySQL, PL/SQL
Tools & Libraries	Numpy, Pandas, Matplotlib, Scikit-learn, TensorFlow, PyTorch, Git, Github, Tailwind CSS
OS	Linux, Windows, MacOS

PROJECTS

Multi-format Document Analyser | Xavier Institute of Engineering   Jan 2024 - Apr 2024
- Engineered a document analysis system using deep learning to extract insights from diverse documents.
- Achieved high accuracy rates in sentiment analysis (**94.9%**), emotion classification (**92%**), and text summarization (**96.49%**) using the BERT Transformer model.

ISR-GAN | Xavier Institute of Engineering   Jun 2023 - Oct 2023
- Architected an image super-resolution solution leveraging GANs, Python, and TensorFlow; achieved a **300%** improvement in image resolution.

Content-Based Movie Recommendation System | Xavier Institute of Engineering   Jan 2023 - Apr 2023
- Implemented a content-based movie recommendation system using Python and Streamlit.
- Developed a data-driven approach to movie recommendation.

Password Manager | Xavier Institute of Engineering   Aug 2022 - Oct 2022
- Built a secure password manager using Python, MySQL, and Tkinter.
- Implemented robust security measures.

EXTRA CURRICULAR ACTIVITIES

Website Manager (Volunteer) | TEDxXIE   Sept 2023 - May 2024
- Part of the Design and Documentation team for TEDxXIE 2024.
- Designed a responsive website for the event. View Here

Class Representative | Dept. of Computer Engineering, Xavier Institute of Engineering, Mumbai   Jan 2023 - Present
- Facilitated efficient communication between the faculties and the class.

Website Volunteer | Spandan, XIE 2023   Dec 2022 - Jan 2023
- Designed a website for the annual fest, Spandan. View Here

House Captain | Student's Council, D.A.V. Public School   Aug 2019 - Aug 2020
- Organised and managed numerous events, working in close contact with the management of the school.