

AADILNAWAZ SHAIKH

Swapnil society, Bibwewadi, Pune, Maharashtra



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Education

Vishwakarma Institute Of Technology, Pune

B.tech in Artificial Intelligence and Data Science

Nov 2022 – June 2026

CGPA-8.38

Sri Chaitanya junior college, Aundh

Higher and Secondary Education in Science

Nov 2020 – March 2022

Percentage: 90.83%

R.M.Dhariwal English Medium School, Shirur

Secondary and Higher Secondary Education

June 2019 – March 2020

Percentage: 87.80%

Relevant Coursework

- Data Structures
- Software Methodology
- OOP
- Database Management
- Artificial Intelligence
- Computer Network
- Computer Architecture
- Machine Learning

Technical Skills

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

Frameworks: React, Next.js, Express, Node.js, Hono

Dev Tools: Git, Docker, Linux, Bash, GitHub, AWS, Firebase, Postman, Cloudflare

Other Libraries: : Tailwind CSS, Shadcn-ui, Zod, Numpy, Pandas, Matplotlib

Projects

Crowd Management System / OpenCV, NumPy, Python, Real-time Video Processing, Object Detection March 2023

- Developed software to accurately count the number of people entering and exiting a location, enhancing crowd management and safety.
- Utilized OpenCV for real-time video processing and object detection.
- Implemented numerical operations and data handling using NumPy, optimizing the efficiency of the system.
- Contributed to the overall software development, focusing on accuracy and reliability in crowd monitoring.

Fake News Detection using Machine Learning / HTML/CSS/Js, Scikit-learn, Flask, Git/GitHub November 2023

- Developed the front-end of a web application for Fake News Detection, ensuring an intuitive and user-friendly interface for inputting news articles.
- Implemented machine learning models using algorithms such as Random Forest and Gradient Boosting, significantly optimizing the accuracy and reliability of news classification.
- Collaborated on the integration of the front-end with the machine learning backend, enhancing overall system performance and user experience.

SmartNewsPost/ Python, OpenCV, GPT/BART, Flask, REST API July 2024

- Developed a comprehensive AI-driven system for automating the summarization and publication of news articles, ensuring efficient content management and distribution.
- Integrated OpenCV and image retrieval APIs to automatically fetch and attach relevant images to the summarized articles, improving visual engagement.
- Built and deployed a web interface using Flask, enabling real-time publishing of summarized content directly to a forum website via REST API integration.
- Conducted extensive testing and validation to ensure the system's accuracy, reliability, and user-friendly experience, resulting in a significant reduction in manual content processing time.
- Handled synchronization challenges and ensured a consistent user experience across different clients.