

Yash Mehta

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☎ 7710089155

📍 Mumbai

🌐 Yash Mehta

EDUCATION

B. Tech in Artificial Intelligence and Data Science

Dwarkadas J. Sanghvi College of Engineering

Honors in Computational Biology

Cumulative GPA - 7.22

2022 – 2025

Mumbai, India

Diploma in Information Technology

Samata Vidya Mandir

Percentage - 90.17

2019 – 2022

Mumbai, India

PROFESSIONAL EXPERIENCE

Web Developer at GoChanakya (Fintech Startup)

Contributed to improving the user experience of the platform by designing and implementing frontend components and spearheaded a significant redesign of the website. Designed the **backend workflows** to handle user information, such as names, email addresses, and contact information. Collaborated with the team to ensure smooth integration and delivered the updated website on time by effective project management.

07/2023 – 12/2023

Mumbai, India

Web Developer at Alhansant Solutions

Developed frontend components for a developer's toolkit website using **HTML**, **CSS**, and **JavaScript**. Led a team of seven and utilized **GIT** for version control. The website includes tools like a **Base64 Encoder/Decoder** and an **Online API Tool**.

09/2023 – 10/2023

Mumbai, India

POTENTIAL PUBLICATIONS

Concept of mapping robot with thermal sensors for fire emergencies.

Author(s)

Yash Mehta, Shruti Shah, Raj Panchal, Dr. Nilesh Rathod, Dr. Aruna Gawade

18/05/2024

Journal of Science.

2024

PROJECTS

SmartLend- Smart Loan Approval

Developed the SmartLend project to optimize loan approval processes using **Python** and **machine learning**. Conducted data preprocessing with **Pandas**, including feature selection via correlation matrices. Implemented **Decision Tree algorithms** with **Scikit-learn** for explainable decision-making. Applied deep learning techniques with **TensorFlow** and **Keras** to build **Feedforward Neural Networks (FNN)**, enhancing predictive accuracy. Performed a comparative analysis of machine learning and deep learning models, evaluating performance using metrics like accuracy, precision, and recall to optimize loan approval outcomes.

Anant

Developed a real-time fire detection model using thermal camera technology. Preprocessed thermal images using **OpenCV** and **TensorFlow**, and trained the model with the **YOLOv4** architecture for enhanced fire detection accuracy. Implemented custom **data augmentation techniques** to improve model robustness and deployed the solution using **Flask** for real-time monitoring and alerts. Integrated the system with a live camera feed for continuous detection and response.

SKILLS

- Programming Languages: Python, SQL, C++, JAVA, C, Flutter, Dart, JavaScript, Html, CSS.
- Technical skills: Machine Learning, Deep Learning, Data Analysis, Data Visualization.
- Tools: Power BI, MySQL, MS Word, MS PowerPoint, MS Excel, Canva, Word press.
- Libraries: Matplotlib, Pandas, NumPy, Scikit-Learn.
- Languages: English, German (A1), Hindi, Marathi, Gujarati.

EXTRA CURRICULAR ACTIVITIES

Head of the Marketing Department – DJS Codestars.

Led a team of 8, mentoring members in effective communication and negotiation to secure sponsorships. Consulted with company executives and secured financial support for raising funds for the event. Analyzed databases of potential sponsors, identifying and pursuing key partnership and support opportunities.

Head of Finance Department – TEDxDJSCE.

Managed the committee's accounts, ensuring accurate and up-to-date financial records. Assisted in the overall execution of the event, overseeing financial operations to ensure smooth processes and successful outcomes.