JAY JAISWAL

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ABOUT ME

Passionate and driven computer science professional with a strong foundation in software development, machine learning, and data engineering. I enjoy solving complex problems, building efficient systems, and continuously learning new technologies. Eager to contribute my technical skills and innovative mindset to impactful projects.

TECHNICAL SKILLS

Languages:	Python, Machine Learning, Java, JavaScript, SQL, HTML/CSS
Frameworks/Lib:	React Native, Backend APIs (Python/Java), Java Servlets, Java Swing,
Tools & Databases:	Git, GitHub, MySQL, Data Engineering Pipelines, Machine Learning concepts, Feature Engineering Concepts

TECHNICAL PROJECTS

DataFixer

Python, Machine Learning, Data Engineering | github.com/Jay-Jaiswal/DataFixer

- Engineered a robust data preprocessing tool featuring a conversational UI to standardize messy CSV and JSON datasets.
- Implemented an automated pipeline generating machine-learning-ready files and comprehensive data quality reports with a single click.

Campus-Safety

Python, Computer Vision, Flask | github.com/Jay-Jaiswal/Campus-Safety

- Developed a real-time safety monitoring system integrating fight detection, person tracking, and weapon detection.
- Built a comprehensive dashboard for live surveillance and analytics using Flask and custom YOLO models.

MedCase

Python, Machine Learning | github.com/Jay-Jaiswal/MedCase

- Architected an intelligent medical case analysis and management backend tool built entirely in Python.
- Integrated data-driven insights to manage, analyze, and retrieve complex medical data records, optimizing workflow speed.

(More projects available on GitHub)

EDUCATION

Bachelor of Science in Computer Science Engineering 2024 – 2027

Navrachana University | Vadodara, India

Diploma in Computer Science Engineering 2021 – 2024

Parul University | Vadodara, India

HACKATHONS & PROFESSIONAL DEVELOPMENT

Tinkerthon 3.0 2024

Navrachana University

- Participated in competitive, time-sensitive software development challenges to build functional technical solutions.

Intelithon 2025

MeshWorks, USA

- Collaborated on industry-focused problem-solving scenarios in a competitive technology framework.

ACM Student Chapter Hackathon, IndiGenius 2025

ACM Organization

- Worked collaboratively in a team environment to architect and deploy a technical project from scratch.

HACK X, Gandhinagar 2026

Competitive Hackathon Participant

- Designed and prototyped innovative software solutions under strict timeline constraints.