

JAY JOSHI

Rajkot, Gujarat, India | [GitHub](#) | [LinkedIn](#) | [LeetCode](#) | [Portfolio](#)
[YouTube: Tech With Jai](#) | [Instagram: @tech_with_jai](#)

PROFESSIONAL SUMMARY

Computer Engineering student (3rd year) and freelance developer experienced in full-stack web development, DevOps/CI-CD pipelines, and AI-driven systems. Built and shipped production tools including an AI-powered API security platform, a GitOps deployment pipeline, and a 3D model-viewer used in a live client product. Runs a tech-education YouTube channel, turning technical work into audience-ready content. Comfortable owning a project end-to-end — design, build, deploy, communicate.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C++

Frameworks & Libraries: React, Next.js, Node.js, FastAPI

DevOps & Cloud: Docker, GitHub Actions, ArgoCD, Argo Rollouts, Helm, Trivy, Prometheus, Grafana, Vercel, Linux

Databases: MongoDB, PostgreSQL, Redis

Tools: Git/GitHub, Unreal Engine, Blender, Draco/GLB 3D pipelines

Core Competencies: REST API Design, CI/CD Automation, System Reliability, Content Strategy & Video Editing

EXPERIENCE

Python Developer — BrainyBeam Technology

Built backend automation and API-driven features using Python, contributing to internal tooling and client deliverables.

Python Developer — CODOTECH IT Services

Developed and maintained Python-based scripts and services, gaining exposure to production coding standards.

Design Lead — Google Developer Group (GDG), Marwadi University

Led design and visual direction for GDG chapter events, workshops, and promotional content.

Freelance Developer — Self-employed

- Delivered a Draco-compressed GLB 3D model-viewer with AR mode for LivArt, and a business website for Shivdhara Motors, handling design, development, and deployment end-to-end.

PROJECTS

SentinelOps — AI-Powered API Security & Monitoring Platform2026 – Present

- Building a DevOps-oriented security gateway that monitors containerized applications and detects anomalous API activity in real time, with a GitHub Actions CI/CD pipeline (lint, test, Docker build) and Prometheus/Grafana observability.

ZeroTouch — GitOps Canary Deployment Pipeline2026

- Designed a full GitOps/canary release pipeline: GitHub Actions → Docker → Trivy (vulnerability scanning) → Helm → ArgoCD → Argo Rollouts, with automated rollback.

AIRMS — AI Risk Mitigation SystemAug 2025 – Jan 2026

- Built a privacy layer that detects and masks sensitive information before it reaches an LLM, using a Presidio-based redaction pipeline for secure AI interactions.

FairSight Core — AI Bias Detection PlatformHackathon — Google Solution Challenge 2026

- Built an AI fairness platform to detect and mitigate bias in automated decision-making using fairness metrics and explainable AI techniques.

SmartBite — Food Delivery PlatformMar 2026 – Apr 2026

- Designed and developed a scalable food delivery platform with integrated order processing, user management, and dynamic restaurant listings.

CONTENT CREATION

Founder & Creator — Tech With Jai (YouTube & Instagram)2026 – Present

- Produce Hinglish and English short-form videos covering AI news, developer culture, and tech storytelling, from scripting through editing and publishing.
- Deliver full content packages (script, titles, SEO description, hashtags) using a data-informed, curiosity-gap hook strategy that consistently outperforms explainer-style titles.
- Run content production solo end-to-end, managing research, writing, filming, and editing without external support.

EDUCATION

B.Tech, Computer Engineering — Marwadi University (NAAC A+), Rajkot | SGPA: 7.43Jul 2025 – 2028

Diploma, Computer Engineering — Marwadi University (NAAC A+), Rajkot | CGPA: 7.312022 – 2025

SSC — Shree S.G. Dholakiya School, Rajkot | 75%2020

ACHIEVEMENTS & EXTRACURRICULAR ACTIVITIES

Track Runner-Up, Intellify Hackathon | Volunteer, Smart India Hackathon (SIH) | Event Winner & Coordinator, Marwadi University