Pruthvi Jadhav

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SUMMARY

Third-year Computer Science student and aspiring software/AI developer who builds practical applications using React, JavaScript, Python, APIs and generative AI. Hands-on project and hackathon experience in GenAI integration, context-aware application workflows, civic-tech problem solving, and interactive data-driven dashboards.

TECHNICAL SKILLS

Programming: Python, JavaScript
Web Development: React, HTML, CSS, Flask, API integration
AI & GenAI: Gemini API, prompt engineering, GenAI application workflows
Data & Databases: SQLite, data visualization (dashboards, charts, maps)
Tools: Git, GitHub, VS Code, Vite, Render (deployment)

PROJECTS

Poverty Aid Identifier | Civic-Tech / Welfare Scheme Discovery · Open source **|** Live Demo **|** GitHub

- Built and deployed a multilingual (English, Hindi, Marathi) Flask web app with a need-assessment flow that suggests potentially relevant central and Maharashtra welfare schemes; installable as an offline-capable PWA.
- Developed corruption-complaint tracking with a Progress Report module and map, a Success Stories page, and Gemini-powered AI chat and assistant pages (Python, SQLite, JavaScript, Leaflet.js).
- Prepared public-facing documentation and outreach for hackathon and public-submission opportunities; project recommended by Asst. Prof. Poonam Bhagat, Pimpri Chinchwad University.

StadiumPulse | GenAI / Smart Stadiums & Tournament Operations · Virtual Prompt Wars **|** GitHub

- Built a React + Vite prototype for a FIFA World Cup 2026 / MetLife Stadium scenario, driven by simulated telemetry (crowd density, queue wait times, movement) refreshed every 5 seconds; no real stadium or FIFA data or systems are used.
- Integrated Gemini 1.5 Flash (@google/generative-ai) to generate operational alerts when a simulated zone crosses a density threshold, and a context-aware Fan Concierge grounded in the current simulated state, with local fallback responses when the API is unavailable.
- Created an interactive color-coded SVG congestion map and an operations dashboard with KPIs and telemetry charts for decision support.

Smart Street Safety Beacon (SSSB) | IoT / Smart-City Safety · 2026 · Team project

- Contributed to a team project on an Arduino-based street-safety system using smart-city concepts and protocols; co-authored an IEEE-format research paper and prepared a presentation documenting the system architecture and results.

NIRANTAR | Human-Centred Support / Case Management · In Development

- Designing a privacy-first support workflow (Situation > Intervention > Reassessment > Stabilization) with explainable prioritization, case tracking, explicit handling of unknown information, and reassessment when a case regresses. Not deployed.

FraudGraph-AI | Fraud Analytics / Transaction Networks · Prototype on synthetic data

- Prototype exploring transaction-network analysis and fraud-pattern detection on synthetic data; not a production fraud-detection system.

CERTIFICATIONS & ACHIEVEMENTS

- **PromptWars Virtual (Google for Developers, H2S) — Certificate of Appreciation (Aug 2026):** for contribution and successful submission of a verified Generative AI solution for Challenge 4.
- **Smart India Hackathon 2026 — Certificate of Selection (Aug 2026):** selected as part of Pimpri Chinchwad University's team (AidLink AI, 012) based on the internal hackathon held 20–21 August 2026; selection for the next stage, not a national result.
- **Mastercard Cybersecurity Job Simulation, Forage (May 2026):** completed tasks on designing a phishing email simulation and interpreting its results.
- **IBM SkillsBuild (Jan 2026):** Artificial Intelligence Fundamentals; Machine Learning and Deep Learning.
- **First Prize, PCU TECHNEON 2K25 (29 Mar 2025):** team-based Project / Poster / Model Competition, Pimpri Chinchwad University.
- **Participant:** Adobe University Hackathon (Aug 2026); Pitch Fest 2026 (college event); Prompt Engineering Workshop, PCU CSE Department & Developers Club (Aug 2026).