

Tejas Sidhwani

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PROFESSIONAL SUMMARY

B.E. AI-DS student and researcher in agentic systems, specialized in building scalable RAG pipelines and orchestration platforms using LangGraph and Python. Co-founder of PromptZerk and active contributor to open-source developer tooling. Proficient in integrating AI with modern web stacks (MERN, Flutter) to build deployed, production-ready applications.

EDUCATION

Thadomal Shahani Engineering College
Bachelor of Engineering (AI-DS) | CGPA: 9.23/10

Mumbai, India
Expected May 2027

PROJECTS

- PromptZerk - AI Prompt Platform** | *React, FastAPI, Supabase, RAG* | [🔗 Live Link](#) **Dec 2025**
- Engineered an AI enhancement engine with a FastAPI/Supabase RAG pipeline, enabling semantic search across 500+ templates and real-time A/B testing.
 - Architected a Git-like version control system to visualize parent-child prompt derivation chains and instantly rollback up to many historical iterations.
 - Built a Chrome Extension integrating into 6 major AI chat interfaces (ChatGPT, Claude) for web context extraction and one-click optimization.
- Smart Examination Proctoring** | *React, Electron, Flutter, IndexedDB, Supabase* **Jan 2026**
- Engineered a multi-platform proctoring ecosystem integrating 4 real-time models to process 60+ cheating detection signals.
 - Architected a 360-degree dual-device monitoring system using WebSockets and Flutter, enabling real-time face matching and environmental scanning with a 60-second offline grace period
 - Implemented native hardware-level security via an Electron app and extension to block virtual machines, unauthorized screen recording, and AI-assisted browsers
- en-git - AI-Powered GitHub Analytics** | *Chrome Extension (V3), React, Node.js, MongoDB* | [🔗 GitHub](#) **Nov 2025**
- Engineered a Manifest V3 extension featuring a 5-agent AI architecture to deliver real-time inline code quality, security, and performance reviews.
 - Architected 8 highly customizable, embeddable SVG widgets with smart caching to ensure zero-downtime rendering of dynamic developer statistics.
 - Designed a gamified progression system utilizing 12 challenge types, 19 tiered achievements, and a global leaderboard to track historical coding activity.
 - Integrated automated GitHub Actions workflows to seamlessly sync user commits, pull requests, and achievements in real-time without manual intervention.
- CiviSeva - Civic Tech Platform** | *JavaScript, AI Agents, Node.js, MongoDB* | [🔗 GitHub](#) **Jan 2025**
- Engineered an AI-powered platform for the Smart India Hackathon 2025 designed to bridge the gap between citizens and government entities.
 - Architected intelligent, automated workflows to streamline civic reporting, routing issues to appropriate departments to improve public sector efficiency.
 - Built seamless user interfaces to encourage community engagement and deliver sustainable, real-world technology solutions for social good.

CERTIFICATIONS

IBM RAG and Agentic AI Professional Certificate | [Verify Credential](#)
DeepLearning.ai: Supervised Machine Learning and Advanced Learning Algorithms | [Part 1](#) [Part 2](#)
Udemy: Full Stack Web Development with MERN Stack & GenAI 2025 | [Verify Credential](#)
Anthropic: Introduction to Agent Skills | [Verify Credential](#)

AWARDS AND HONOURS

Competitive Programming: Ranked in the Top 7% globally on LeetCode.
Hackathon Success: Secured 1st Place at Hackfest VIT '26, Top 5 at HackaNova '26 (TCET), and 3rd Place at Innovatex '25 (AI DS). Recognized as a Top 3 Web finisher at HackBuild '25 and Top 10 Finalist in HACKSYNC '26, RUBIX '26, and MINITHON '24.

SKILLS

Software Engineering: Object-Oriented Programming (OOP), CI/CD, Agile Methodologies, RESTful APIs
AI & Data: RAG, Vector Databases, Multi-Agent Orchestration, Semantic Search, Big Data Concepts, Prompt Engineering
Languages: Java, Python, JavaScript, Dart, SQL
Technologies/Frameworks: MERN, Flutter, PostgreSQL, MongoDB, FastAPI