SHOURYA SHAH

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TECHNICAL SKILLS

Languages: Java, Python, MySQL, MongoDB, JavaScript, HTML/CSS, R
Frameworks: React, Node.js, Streamlit, LangChain, Express.js, TailWind, FastAPI, Expo
Developer Tools: Git, Github, VS Code, Antigravity, Jupyter, IntelliJ, Tableau, PowerBI, Postman, Figma
Libraries: pandas, NumPy, Matplotlib, TensorFlow, Keras

PROJECTS

PrismicCipherAI — AI PDF Chatbot **Nov 2024 – Feb 2025**
Stack: *LangChain, FAISS, Llama 3.2, HuggingFace Transformers, Streamlit, Python* *GitHub*

- Engineered a scalable, production-ready RAG pipeline using LangChain and FAISS vector store, optimizing semantic retrieval across unlimited multi-PDF uploads while maintaining low query latency.
- Owned end-to-end deployment of a privacy-first GenAI chatbot backed by a locally-run Llama 3.2 LLM — processing documents into vector embeddings without retaining raw user data, achieving zero third-party data exposure by design.
- Iterated on document chunking and embedding strategies via HuggingFace Transformers, diving deep into retrieval accuracy to maximize LLM answer quality.

GPTCLIK — AI-Powered Chrome Extension **Jan 2026 – Apr 2026**
Stack: *JavaScript, HTML/CSS, Node.js, Browser Extension APIs, ChatGPT API* *GitHub*

- Built and shipped a productivity browser extension to 230+ active users, eliminating manual copy-pasting via right-click context menus that push highlighted text straight to any LLM.
- Engineered a dynamic cross-tab routing system that simplifies switching between ChatGPT, Claude, Gemini, or custom AI links, with user-configurable toggles for "instant ask" or direct chatbox paste.
- Took ownership of strict Manifest V3 security compliance for the Web Store launch — leveraging activeTab and storage APIs — while independently building a promotional landing page, privacy policy, and terms of service.

VibeFlow — AI-Powered Codebase Intelligence Platform **Jul 2025 – Nov 2025**
Stack: *React, TypeScript, Python, LLM APIs, Chart.js, Cytoscape.js, Mermaid.js* *GitHub*

- Self-initiated and engineered a multi-modal codebase visualization platform, optimizing structural analysis to sub-200ms per file through a multi-pass AST parsing pipeline rendering dependency graph at scale.
- Integrated Hugging Face LLMs (CodeBERT, CodeT5) to generate context-aware code explanations with a validated 78% technical accuracy rate, leveraging AST-derived metadata to heavily enrich the AI prompt context.
- Developed an automated "Jury Mode" evaluation engine processing multi-file repository, holding developer submissions to a consistent evaluation standard and increasing user technical communication confidence by over 35%

EDUCATION

MIT ADT University **Pune, Maharashtra**
Bachelor of Technology in Computer Science & Engineering (Artificial Intelligence & Analysis). *Aug 2023 – May 2027*

- CGPA: 7.5
- Coursework: Data Structures & Algorithms, Machine Learning, Computer Network, Object Oriented Programming, Agentic AI, Data Mining, Operating System, Theory of Computation, Database Management System, Generative AI, Natural Language Processing.

ACHIEVEMENTS & EXTRACURRICULARS

- Association of Computer Engineering Students (ACES) Club Tech Lead (Oct 2023 – Present) — Led and mentored a student development team to build and deploy multiple projects for college events; addressed 600+ students as a featured tech speaker and panel moderator.
- Postman Student Expert — Completed industry-standard API testing and backend validation certification, strengthening ability to validate and troubleshoot backend systems.
- UDAAN 2.0 Hackathon 2025 — Delivered a one-stop full-stack portal consolidating 3 government real-estate services within a 24-hour hackathon constraint at MITADT, using TypeScript, Express, and MongoDB.
- MLSC Design Team Member (Mar 2024 – Apr 2025) — designed social media posts, reels, and logos for Microsoft Learn Student Club.