Zishan Ghaniwala

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EDUCATION

CK Pithawala College of Commerce   Surat, IN
Bachelor of Computer Application   *July 2023 – March 2026*

EXPERIENCE

AI Developer   June 2023 – Present
Web Turtles   *Surat, IN*

- Architected and built autonomous AI agents for content generation using the CrewAI framework, leveraging LLMs to produce high-quality blog posts.
- Successfully migrated a high-traffic forum platform from PHP 7.0 to PHP 8, resulting in a 40 % performance improvement and enhanced application stability.
- Developed and implemented robust PHP-based authentication systems, integrating Google and Facebook login functionalities into a high-traffic. forum platform to enhance user experience and increase engagement.

PROJECTS

Explainium | *CrewAI, FastAPI, Next.js, Tailwind CSS, Shadcn UI, Docker*

- Employs a sophisticated multi-agent system, orchestrated with CrewAI, to intelligently analyse YouTube video transcripts. The system collaborates to curate a concise, 5-question quiz designed to be highly relevant to the video's core content.
- Purpose-built as a tool to enhance learning and test comprehension. By transforming passive video consumption into an interactive challenge, it empowers users to assess their information retention and recall ability actively.
- Demonstrates modern full-stack development skills with a Next.js/TypeScript fronted and a Fast API backend. The project is containerized with Docker and deployed on Vercel, showcasing a complete, production-ready development and deployment workflow.

Chat llama | *Llama, FastAPI, Next.js*

- Built as a secure and private interface for interacting with Large Language Models. By leveraging Ollama to run Llama models locally, it ensures all conversations remain on the user's machine, offering a confidential alternative to cloud-based AI services.
- Features a clean and intuitive chat interface built with Next.js and Shadcn UI, providing a user-friendly graphical experience for what is typically a command-line-based interaction with local models.
- Utilizes a high-performance FastAPI backend that acts as an efficient bridge between the frontend UI and the local Ollama service, seamlessly managing API requests and streaming model responses for a smooth, real-time conversation.

TECHNICAL SKILLS

AI: CrewAI, Langchain, Langfuse, MCP, n8n, Gemini, Claude, OpenAI, Ollama, HuggingFace
Backend: FastAPI, Python, PHP
Database: Supabase, MYSQL, Sqlite
Backend: V0, Next.JS, React, Typescript, TailwindCSS, ShadCN UI, Flutter
Additional Tools: Docker, Vercel, VS Code, Windsurf, Github Copilot, Notion, Firebase, Wordpress, Git, GitHub