SHREYAS GURAV
Full Stack Developer

ABOUT ME

I build production-ready AI and full-stack systems. I've designed everything from model logic and data pipelines to frontend interfaces. My work includes a browser automation agent, a macOS meeting copilot, and a real-time event booking platform. I manage architecture, APIs and UI with a focus on reliability and clean design.

Experienced in AI systems, full-stack web development, browser automation, macOS applications, and real-time pipelines.

EDUCATION

BTech. AI & Data Science

K J Somaiya College of Engineering
2023 – 2027

SKILLS

Languages: Python, TypeScript, JavaScript, Swift

Backend: FastAPI, Node.js, REST APIs

Frontend: React, Next.js 14, Tailwind CSS

Databases: PostgreSQL(pgvector), Firestore

AI & ML: OpenAI API, Embeddings, Vector Search

Systems & Tools: Chrome Extensions (MV3), ScreenCaptureKit, AVFoundation.

Payments & Auth: Razorpay, Firebase Auth

Deployment & DevOps: Railway, Vercel, Git, Docker

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PROJECTS

UniMemory – AI Memory Infrastructure (MCP & APIs)

UniMemory is a long-term memory infrastructure for AI applications. It provides a REST API for storing and semantically searching memories, along with an optional LLM-based ingest layer to extract structured memories from raw text and chats. It also includes OAuth-enabled MCP integration for AI tools like ChatGPT and Cursor.

Tech Stack: Tech Stack: FastAPI, PostgreSQL, pgvector (1536-d embeddings), Firebase Auth, OpenAI API, Next.js, Railway, Vercel

Built: Vector similarity search using pgvector (IVFFlat index), LLM-based ingest pipeline, OAuth + PKCE flow for MCP (SSE transport), relational schema for users/projects/memories/sources, and published npm & PyPI SDKs.

github.com/shreyasgurav/UniMemory

Luca - macOS AI copilot for meetings

Luca is a macOS app that acts as an AI copilot for online meetings. It listens, sees your screen, and answers questions in real time. It provides live recaps, creates meeting notes, and saves full transcripts automatically.

Tech Stack: SwiftUI, AppKit, ScreenCaptureKit, AVFoundation, Vision (OCR), Node.js, Firebase, Deepgram, OpenAI API.

Built: Real-time transcription and context-aware responses using an AI memory system with screen and audio capture.

github.com/shreyasgurav/Luca

Zest - Event management & booking platform

Zest is a full-stack event management platform similar to BookMyShow. It lets artists, organizers, and venues list and manage events easily, while users can browse and book them seamlessly. The platform supports real-time updates and online payments.

Tech Stack: Next.js 14 (App Router), React, TypeScript, Tailwind CSS, Firebase (Auth, Firestore), Razorpay, Vercel.

Built: Scalable domain-driven architecture with session-based event model, real-time listeners, and secure payment flow.

github.com/shreyasgurav/Zest