Divy Suhagiya

Full Stack Developer *Ahmedabad, Gujarat*

[Portfolio Link] | [GitHub Link] | [LinkedIn Link] | [Email] | +91-6356374308

PROFESSIONAL SUMMARY

Proficient in a range of programming languages, with experience in developing and maintaining responsive, user-friendly, and visually appealing websites using modern web development frameworks and tools. Passionate about building intelligent systems that understand context and execute complex, autonomous tasks.

TECHNICAL SKILLS

- **AI & Agents:** Google Gen AI ADK, LangChain, TensorFlow, Keras, Pytorch.

- **Frontend:** React, Next.js, TypeScript, React Three Fiber (R3F), GSAP, Tailwind CSS.

- **Backend:** Node.js, Express, Python (FastAPI), PostgreSQL (Neon), Prisma, MongoDB, BetterAuth, Docker.

FEATURED PROJECTS

Last Call: Infinite Murder Mystery | *Google Gen AI ADK, R3F, FastAPI* |[DEMO] [GITHUB]

- Architected a **Sequential Multi-Agent Pipeline** (Storyteller, Profiler, Evidence Designer) to generate infinite, unique murder mystery plots and assets in real-time.

- Built a high-fidelity 3D interrogation room in **React Three Fiber** featuring real-time lip-syncing (Wawa Sensei) and low-latency TTS streaming (Kokoro).

Aether: Intelligent CLI Agent | *Node.js, Next.js, OAuth 2.0* |[DEMO] [GITHUB]

- Developed a "Thick Client" CLI that runs autonomous AI logic locally while using a Next.js backend strictly as an **OAuth 2.0 Identity Provider**.

- Engineered an **autonomous scaffolding engine** capable of interpreting natural language to recursively generate directory structures and write production code directly to the local disk.

Nimbus: 3D Product Showcase | *R3F, GSAP, Web Audio API* |[DEMO] [GITHUB]

- Achieved **60FPS performance** on mobile for a cinematic 3D keyboard configurator by implementing **Draco compression (85% reduction)** and texture atlasing.

- Orchestrated complex scroll-linked animations using **GSAP ScrollTrigger** to disassemble the 3D model based on viewport depth.

PROFESSIONAL EXPERIENCE

Machine Learning Intern | *Unified Mentor Pvt Ltd (Remote) Dec 2024 – Feb 2025*

- Engineered supervised and unsupervised machine learning models using **Python**, **TensorFlow**, and **Keras**.

- Designed robust data preprocessing pipelines to clean datasets, significantly improving model training accuracy.

Full Stack Developer Intern | *Unnati Informatics LLP, Ahmedabad Jan 2023 – May 2023*

- Built scalable full-stack web features using **React** and **Node.js**, translating complex requirements into functional interfaces.

- Designed and deployed secure **RESTful API endpoints** with Express to enhance application interoperability and data flow.

ReactJS Intern | *Techmicra Data System, Ahmedabad June 2022 – July 2022*

- Developed a responsive e-commerce frontend interface using **React.js**, ensuring pixel-perfect implementation of UI designs.

EDUCATION

Bachelor of Engineering (CGPA: 8.67)

Sal Institute of Technology & Engineering Research, Ahmedabad