NAVDEEP SHAH
Design-Driven Software Engineer | AI + 3D + AR | Full-Stack
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PROFESSIONAL SUMMARY

Design-driven software engineer with expertise in **AI-powered media systems, AR/3D experiences, and full-stack platforms**. Proven ability to deliver **end-to-end products** combining LLMs, retrieval pipelines, and automation to drive measurable user engagement and business impact.

EXPERIENCE

Software Engineer (Remote) – Hello AR | *Apr 2024 – Nov 2025*

- **Engineered** Magic Media platform end-to-end (frontend, backend APIs, async workers), onboarding 20+ US clients.
- Developed **AI-driven content automation**: fetches Instagram data, maps feature via embeddings, generates optimized video content, schedules posts at best-performing times.
- Created **RAG-powered semantic retrieval pipeline** for accurate feature-to-media mapping and AI generation.
- Delivered **AR/WebAR solutions** for top brands: project 3D models into real environments using **Three.js** and Web.
- Optimized platform performance: **multithreading**, **API optimization**, and legacy 3D viewer maintenance.
- Automated Instagram client outreach via Chrome extension, improving engagement efficiency by 200%.

PROJECTS

Moveefy | *Feb–Mar 2024*

- Real-time synchronized movie-watching web app using **WebSockets + Next.js**.
- Optimized network latency and sync; delivered robust communication channel.
- **GitHub**: Moveefy | **Live**: moveefy.vercel.app

code-user-input | *Dec 2023–Jan 2024*

- Npm package for reusable JS input handling → **114 downloads first week**.
- **GitHub**: user-input | **npm**: npmjs.com/package/code-user-input

ArDimensions | *May 2024*

- Android AR app calculating real-world distances using **SceneView + Euclidean distance**.
- **GitHub**: ArDimensions

Open World Portfolio | *Nov 2024–Ongoing*

- Browser-based **open-world first-person portfolio** built with Blender + Three.js.
- **GitHub**: 3d_nav_porfolio | **Live**: 3d-nav-porfolio.vercel.app

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EDUCATION

B.Tech, Computer Science – VIT Bhopal | *Mar 2024* | **CGPA: 8.31**

TECHNICAL SKILLS

- **Frontend:** Next.js, React.js, Three.js, WebGL
- **Backend:** Python, Node.js, REST APIs, Workers, multithreading
- **AI / Automation:** RAG pipelines, LLM integration (ChatGPT/Gemini), embeddings, prompt engineering
- **3D / AR:** Blender, WebAR, Android AR, SceneView
- **Tools & Practices:** Git, npm, Agile/Scrum, CI/CD, Chrome extensions.