



SUDAIS KHAN

Full Stack Web & DevOps Engineer | 3D Digital twins & IoT Developer

Email: isudaiskhan9818@gmail.com | **Phone:** +92 316-1849494

Personal Portfolio: <https://sudais-khan.vercel.app/>

GitHub: <https://github.com/SudaisKhan9818>

LinkedIn: [linkedin.com/in-sudaiskhan](https://www.linkedin.com/in-sudaiskhan)

- **PROFESSIONAL SUMMARY**

Full Stack AI Engineer specializing in building scalable, AI-driven web applications. Expert in React, Next.js, Node.js and modern AI stacks including LangChain, RAG, and LLMs. Experienced in delivering end-to-end products from 3D web experiences with R3F + Three.js to cloud-native backends with Docker, Redis, and Supabase. Focused on shipping fast, clean, production-ready code.

- **TECHNICAL SKILLS**

Frontend: React.js, Next.js, TypeScript, Tailwind CSS, R3F, Three.js, Digital Twins, IoT, MQTT

Backend: Node.js, Express.js, REST API, kafka, MicroServices, NestJs

AI & Data: LangChain, LangGraph, Vercel AI SDK, RAG, Vector DBs, OpenAI API, Redis

Databases: MongoDB, PostgreSQL, Supabase

Cloud & DevOps: Docker, Vercel, AWS, Git

- **PROJECTS**

1: Al-Shams ERP - Full Business Management SaaS KSA

I built a complete ERP system that handles what most businesses pay lakhs for.

What it includes:

- Supplier & Customer Management
- Cash / Bank / Payment Ledgers
- Inventory & Invoicing
- Multi-company Support
- Role-based Access

LIVE LINK: <https://supplier-platform-beta.vercel.app/dashboard/>

2: Digital Twin + IoT + RAG Town - 3D Smart City Prototype

Built a 3D Town from scratch in Blender -> glTF -> Three.js with Walk Mode, Raycasting, and live IoT data.

Features:

- 3D Town Walkthrough (First Person)
- MQTT based IoT Sensors (Live Data)
- RAG Chatbot Trained on Town Data - Ask "Show me all shops with power issue"
- Fully Dockerized - One command: docker compose up

Stack: Three.js | Blender | NestJS | MQTT , Edge Computing| LangGraph | Supabase Vector | Docker

LIVE LINK: <https://town-propverse.vercel.app/>

3: AI Resume Forge –SAAS 7 Micro-Services in 1 Platform

An AI toolkit that actually gets you hired.

Services: Resume Builder + ATS Analyzer + Optimizer + Cover Letter + Cold Email + LinkedIn Optimizer + Interview Q&A Generator

Stack: LangGraph | Gemini 1.5 Flash | Vercel AI SDK | NestJS Microservices | Vector DB

LIVE LINK : <https://ai-resume-forge.vercel.app/>

MORE PROJECTS :

Personal Portfolio: Next.js, R3F, Three.js, Tailwind CSS ○ Built interactive 3D portfolio with glassmorphism UI and optimized performance ○

Live: <https://sudais-khan.vercel.app/>

- RAG-Powered AI Application | Next.js, LangChain, Supabase, Redis, OpenAI
- Developed document Q&A system using retrieval-augmented generation
- Implemented Redis caching to reduce API latency by 60%
- -Full Stack SaaS Dashboard | Next.js, Node.js, MongoDB, Stripe ○ Architected scalable backend and deployed on Vercel with Docker containerization

PLEASE VISIT PERSONAL PORTFOLIO: <https://sudais-khan.vercel.app/>

EDUCATION

Bachelor of Science in Computer Science – (AI Specialization)

UET Mardan | 2022 - 2026