

ROHAN GODHA

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ABOUT

Full Stack Software Engineer with expertise in scalable web applications, Generative AI, Agentic AI, and cloud-native systems. Skilled in building end-to-end solutions with measurable business impact, optimized performance, and automation.

EDUCATION

Chandigarh University

Bachelor of Engineering in Computer Science & Engineering — CGPA: 8.35

Mohali, India

Aug 2020 – May 2024

Saint Xavier's Sr. Sec. School

XII (PCM): 81.2% — X: 84.4%

Jaipur, India

2008 – 2020

WORK EXPERIENCE

Navikenz

Software Engineer

Remote

Jul 2024 – Present

- Developed **full-stack AI-driven solutions** using **React.js (frontend)** and **FastAPI (backend)** integrated with scalable **microservices** and **DevOps** pipelines on Azure.
- Implemented **Generative AI and Agentic AI workflows** powered by **LLMs**, enabling intelligent automation, document processing, and context-aware recommendations.

Navikenz

Software Engineer Intern

Remote

Jan 2024 – Jul 2024

- Built MVPs using **React.js**, **FastAPI**, and **VectorDBs (ChromaDB)**, enabling semantic search and data insights.
- Collaborated with cross-functional teams to deploy cloud-native prototypes on **Azure**, shortening product validation cycles by 3×.

Alhansat Solutions

Winter Intern

Remote

Dec 2022 – Jan 2023

- Developed an AI-powered Image Editor using **Svelte.js**, **Node.js**, and **Firebase**, achieving 80% parity with industry tools.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C++

Frontend: React.js, Next.js, Three.js, HTML, CSS, Bootstrap, Ant Design, Material UI (MUI)

Backend: FastAPI, Node.js, Express.js, Flask, WebSockets

Databases: PostgreSQL, MySQL, MongoDB, Redis

AI/ML: Generative AI, Agentic AI, LLMs, LangChain, RAG, Vector Search, VectorDBs (FAISS, ChromaDB), Azure OpenAI, Databricks

DevOps: Docker, Kubernetes, GitHub Actions, Postman, Webpack

Cloud: Microsoft Azure, Google Cloud Platform (GCP), Amazon Web Services (AWS)

CERTIFICATIONS

- Databricks Certified Generative AI Engineer Associate
- Oracle Autonomous Database Cloud 2025 Professional
- Oracle Cloud Infrastructure 2023 Certified Foundations Associate
- MongoDB Database Administrator Certification
- Postman API Fundamentals Student Expert
- Google Data Analytics Specialization
- Google IT Support Professional Certification

HONORS, RESEARCH & INNOVATION

- **Awards:** Finalist – Forti Hackathon; 2nd Runner-Up – Ideathon 2022; Top-30 International – Technothon 2022; Academic Excellence Award; Research & Patent Excellence Award.
- **Patents & Research:** Inventor on **3 patents** in automation, safety systems, and interactive devices. Conducted research in **Blockchain, 6G, IoT–Blockchain Integration, AI/ML, UAVs, and AR/MR.**

PROJECTS

AI-Powered Loan Document Verification Platform (React.js, FastAPI, OpenAI, Azure Document Intelligence)

- **Problem:** Manual loan document verification is slow and error-prone across multiple formats.
- **Solution & Impact:** Automated OCR, LLM-based field extraction with regex fallback, and FAISS-based document comparison, reducing verification time by **70%** and improving compliance accuracy for key identifiers (Name, PAN, GST).

Zomato Food Delivery Platform (MERN)

- **Problem:** Food delivery apps require scalable APIs and seamless user experiences.
- **Solution & Impact:** Built a full-featured **MERN stack clone** with CRUD operations, JWT authentication, responsive UI, and containerized deployment, showcasing production-grade architecture.
- Code | Demo

Conversational Document Intelligence Platform (Databricks, LangChain, Vector Search, Genie/Mosaic AI)

- Developed a **GenAI-driven platform** using Databricks and LangChain for intelligent document parsing, vector retrieval, and context-based question answering.
- Integrated **Mosaic AI + FlashRank** for fast context ranking and conversational retrieval over enterprise knowledge bases.