

Omkar Sudarshan Gujja

(Full Stack - AI Engineer)

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Skills

AI / LLM: RAG, LangChain, LangGraph, Model Context Protocol (MCP), multi-agent systems (Agno), semantic routing, OpenAI, Amazon Bedrock, Databricks Vector Search

Languages: Python, JavaScript, TypeScript

Full Stack: FastAPI, Flask, Django, Node.js, Express.js, Angular, React.js, Streamlit, Next.js, MongoDB, PostgreSQL, JWT, Tailwind CSS

Cloud / DevOps: Azure, AWS (S3, SQS, Aurora), Docker, CI/CD, Git

Work Experience

Exponentia.ai, Remote

Sept 2024 - Present

Full Stack AI Engineer

- Built AI **contract-review** flows with **LangChain/LangGraph** and **RAG**, extracting and scoring contract clauses for structured review rather than free-form chat.
- Built a **dynamic CV generation** service that turns structured profiles into tailored CVs through DOCX/PDF generation pipelines behind **FastAPI**.
- Delivered **FastAPI** APIs with **JWT**, **MongoDB**, and **Azure** storage/secrets for secure document upload, generation, and retrieval.
- Built backend services for an **Intelligent Document Processing (IDP)** platform using **Amazon Bedrock VLMs** and **Texttract** to extract structured remittance/AP fields from PDFs and emails, with confidence-based human review.
- Delivered **Flask** APIs on **AWS (SQS, S3, Aurora Postgres)** for document lifecycle, GenAI prompt registry, validation rules, **RBAC**, and ops dashboards.

Candibrain Services LLP, Remote

May 2023 - June 2024

Full Stack Developer

- Built web applications using **Angular** for the frontend and **Python Django** APIs for backend services.
- Collaborated with clients on **UAT**, tracked application issues, and shipped fixes across UI and API layers.
- Improved frontend performance by **10%** while maintaining feature delivery for web and mobile clients.

Education

Terna Engineering College

Aug 2020 - June 2023

B.E. in Mechatronics

CGPA: 8.61/10

Relevant Coursework: Introduction to IT Systems, C Programming, Data Structures and Algorithms, Operating Systems, Python Programming Laboratory, Fuzzy Logic and Neural Networks, Robotics, Embedded Systems, Digital Manufacturing

Project Work

LOVABLE CLONE - [Link](#) | [Github](#) | **Next.js, Express, Prisma, PostgreSQL, and E2B.**

Oct 2025 - Feb 2026

- AI-Powered Project Generation:** Built a full-stack application builder that generates complete web projects from natural language prompts using OpenRouter AI SDK and E2B Code Interpreter for real-time code execution in isolated sandboxes.
- Cloud Storage Integration:** Configured Cloudflare R2 object storage for storing project files and assets, with RESTful APIs in Express.js for seamless file operations and project state management.
- Project Management System:** Implemented user authentication with JWT, project persistence using Prisma ORM with PostgreSQL, and chat-based interactions to iteratively refine and modify generated projects.

HR ASSIST (MCP SERVER) - [Link](#) | [Github](#) | **Python, MCP, Pydantic**

2026

- Built an **MCP server** that exposes HR tools for employees, leave, meetings, tickets, and email so agents can run onboarding workflows through clients like Claude Desktop.
- Designed clear **tool boundaries** and an onboarding prompt flow so the assistant performs real actions instead of returning text-only guidance.
- Shipped a **Streamlit** UI for directory, leave, tickets, and meetings, with optional Gmail notifications for welcome and manager alerts.