

OMKAR S. PARAB

Full Stack Python Developer | GenAI Developer

Mira Road, Mumbai | 7507581241 | omkar211196@gmail.com | github.com/ImOmkar | imomkar.github.io | LinkedIn

PROFESSIONAL SUMMARY

Full-stack Python developer with 2+ years of experience building scalable, production-grade applications using Django, Flask, FastAPI, and React, alongside hands-on experience building GenAI-powered systems using LLMs (Gemini/OpenAI), LangChain, and Retrieval-Augmented Generation (RAG). Skilled in REST API design, OCR automation, PDF data extraction, and cloud deployment. Proven ability to deliver fintech and enterprise systems end-to-end, combining strong backend/frontend engineering with applied AI integration.

TECHNICAL SKILLS

Languages/Frameworks: Python, Django, Flask, FastAPI, DRF, JavaScript, React

GenAI / LLM: Prompt Engineering, LLM Integration (Gemini/OpenAI), LangChain, RAG, ChromaDB, AI Content Generation

Frontend: React, Tailwind CSS

Database: PostgreSQL, MySQL, SQLite, MongoDB

Integrations: Razorpay, Cashfree, Shopify APIs, Webhooks

Automation & OCR: Tesseract OCR, PDF Table Extraction

Data & Scraping: Pandas, Matplotlib, BeautifulSoup

DevOps / Cloud: Linux, Nginx, Gunicorn, DigitalOcean, AWS S3, Render, Vercel

Tools: Git, GitHub, Postman, RBAC, Authentication

PROFESSIONAL EXPERIENCE

Imperative Business Ventures Limited — Junior Web Developer

Jan 2024 – Jan 2026

- Developed Personal Loan Disbursal frontend using React with FastAPI backend integration.
- Built HRMS UI with reusable components and seamless API integrations.
- Integrated OCR capabilities into ImperaCam PDF table extraction system.
- Engineered Loan Origination System as a full-stack module using React and Django.
- Collaborated cross-functionally with business teams to refine product modules.

Altissadvance Tech Pvt Ltd — Python Django Intern

2023

- Integrated Shopify Admin APIs for SaaS-based applications.
- Developed RESTful APIs using Django REST Framework.
- Documented data models and optimized backend workflows.
- Implemented Razorpay and Cashfree payment gateway integrations with webhook verification.

PROJECTS

DocMind AI – AI-Powered Multi-Document RAG Chat Assistant — FastAPI, LangChain, Gemini 2.5 Flash, ChromaDB, React, Tailwind CSS, SQLAlchemy, SQLite, Render, Vercel

- Built a full-stack RAG application for chatting with one or multiple PDF documents, with streaming AI responses via Server-Sent Events (SSE), multi-document semantic retrieval, source citations, follow-up question generation, summarization, and conversational memory.
- Designed a responsive React interface with drag-and-drop uploads, session management, and mobile-first UI; deployed to production on Vercel and Render.

OpenSprint – AI Learning & Knowledge System — FastAPI, React, LLM Integration

- Built an AI-powered system with LLM-based concept expansion, AI tagging, and knowledge graph linking.

ImperaCam – Data Extraction Tool — Tesseract OCR, Python

- Extracts structured tabular data from image-based PDF bank statements.

Personal Loan Disbursal System — React, FastAPI

- Modernized internal loan disbursement UI with backend integration.

HRMS System — React

- Developed UI modules for attendance, leave, and employee workflows.

Loan Origination System — React, Django

- Built customer onboarding, loan stepper forms, loan tracking, and role-based verification.

EDUCATION

Bachelor of Engineering – Computer Engineering

Diploma in Computer Engineering

ACHIEVEMENTS

- Built OCR automation tools reducing manual effort.
- Delivered multiple production-ready applications using Django, FastAPI, and React.
- Deployed full-stack applications on DigitalOcean, Amazon S3, and PythonAnywhere.
- Contributed to Marathi localization for a Django project; coordinated translators on Transifex.