

ADITYA CHAUDHARI

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Professional Summary

Full-Stack Software Engineer with 1.5+ years building and shipping web and React Native mobile applications end-to-end, from requirements through testing to production. Comfortable across the stack: React, Next.js, and React Native on the frontend; Python (FastAPI, Flask) and Node.js REST APIs on the backend; SQL and NoSQL databases; and containerized cloud deployment. Strong in JavaScript/TypeScript and Python with solid OOP and data-structure fundamentals, plus hands-on depth building LLM-powered AI agents and RAG systems over large-scale data.

Technical Skills

Languages & Fundamentals: Python, TypeScript, JavaScript, SQL; Object-Oriented Programming (OOP), Data Structures & Algorithms, Problem Solving

Frontend & Mobile: React.js, Next.js, React Native, Interactive UI Components, Chat SDK Integration, Jest Unit Testing

Backend & APIs: Python (FastAPI, Flask), Node.js, REST API Design, API-First Design, Microservices, WebSockets

Databases: SQL, PostgreSQL, MySQL, NoSQL (MongoDB), ORM (Prisma), Vector Databases (FAISS, Chroma, Pinecone)

Cloud, DevOps & Practices: Docker, nginx, CI/CD, Git/GitHub, Serverless Architecture, Agile/SDLC, Code Reviews, Debugging

AI/ML & LLMs: LLMs (GPT-4o, Gemini, Claude), Prompt Engineering, RAG Architecture, LangChain, LangGraph, Multi-Agent Systems, NLP (Embeddings, Similarity Search)

Professional Experience

Fynd (Shopsense Retail Technologies)

Jan 2026 – Present

Software Development Engineer Intern (SDE)

Mumbai, India

- Built and shipped the Metro Wholesale AI shopping assistant end-to-end: a React and chat-SDK frontend with identity-aware caching, thread management, and an iframe embed bridge, plus full containerized deployment (Docker, nginx).
- Engineered React Native chat-SDK integration with hosted-WebView and custom native UI modes, and wrote Jest unit tests for attachment handling and chat-hook contracts, collaborating through peer code reviews in an Agile team.
- Designed and deployed production LLM-powered agentic workflows (LangChain, LangGraph) over a serverless orchestration layer, powering customer-facing AI chatbots with intent detection, cross-session state persistence, and fallback handling.
- Built self-hosted Generative AI services on containerized infrastructure (Docker, nginx): a streaming conversational assistant with RAG and vector-database retrieval (FastAPI, Ollama), plus a document-intelligence pipeline (PaddleOCR, llama-cpp).

Swan TechPro Private Limited

Jul 2025 – Dec 2025

AI/ML Engineer Intern

Pune, India

- Built a healthcare diagnostic RAG platform (Python, LLM APIs, vector databases) that ingests sonography reports, generates embeddings for similarity search, and produces AI-assisted diagnostic insights, improving diagnostic support speed by 40%.
- Engineered RAG and prompt-engineering pipelines (Chain-of-Thought, MCP) with a LangGraph multi-agent system for document scanning, clinical classification, and structured report generation, cutting manual data extraction by 50%.
- Implemented backend pipeline stages (data preprocessing, embedding/inference, evaluation) and exposed model outputs to SQL databases through Python REST APIs.

Adzvortex Solutions LLP

Jun 2024 – Aug 2024

Full-Stack Web Developer Intern

Pune, India (Remote)

- Contributed end-to-end to 3+ projects building Node.js REST APIs and React frontends, resolving 20+ defects and managing 50+ Git commits via feature-branching and pull-request review workflows in an Agile team.

Projects

SENSAI - Generative AI Career Platform | Next.js, Node.js, Prisma ORM, PostgreSQL, Gemini LLM, Inngest | Live

- Architected and shipped a full-stack platform serving 100+ active users, with Prisma ORM-backed PostgreSQL, Inngest background jobs, and Gemini LLM-driven content generation.

BLOGSTOP - Content Management System | Node.js, REST APIs, Next.js, MongoDB Atlas | GitHub

- Built a production-ready CMS with secure REST APIs, an admin dashboard, image uploads, and MongoDB Atlas-backed email subscription management for 200+ subscribers.

Education

DY Patil International University 2021 – 2025

Bachelor of Technology in Computer Science and Engineering Pune, Maharashtra

Certifications

ServiceNow Certified Application Developer (CAD) | ServiceNow Certified System Administrator (CSA) | NPTEL Internet of Things (IoT) and Cloud Computing