Vishvas Hadiyal

Surendranagar, Gujarat, India

Professional Summary

Full-stack developer (Python + MERN) with 3+ years of experience building scalable SaaS platforms, high-performance backend systems, and AI-powered features. Specialized in microservices, integrations (17+ platforms), system optimization, and some fundamental knowledge with cloud architecture on AWS/Azure. Proven impact in reducing cloud costs by ₹50K–₹80K/month and improving API latency by 90%

Technical Skills

Languages: JavaScript, TypeScript, Python

Frontend: React.js, Next.js, Tailwind CSS, scss

Backend & Libs: Node.js, Express.js, Django, Fast API, Celery, Axios

Databases & Cache: MongoDB, PostgreSQL, Redis, ChromaDB

Cloud Platforms: AWS (S3), Azure, Firebase/Firestore

Tools: Git, GitHub, Postman, Docker (basic), Kubernetes (basic), Linux

AI / LLMs: OpenAI APIs, Dialogflow, Mathematical Modeling, Demand Forecasting, Rag, Langchain

Search : Elasticsearch (Indexing, Advanced Filtering, Query Builder), Hybrid search

Architecture: Microservices (Hybrid Model), SaaS, SSR, Webhooks, REST APIs

Other Skills: NPM Package Development, Validation Library Development, Custom Prototypes

Professional Experience

Software & AI Developer | Antoc AI (real estate CRM) (oct 2025 –Present)

Tech: Node.js, React.js, MongoDB, OpenAI APIs, LangChain,FastApi

- **AI Agents & Workflow Automation:** Developed intelligent agents for real-estate operations using OpenAI and LangChain to automate lead qualification, property matching, document analysis, and follow-ups.
- **Backend Services & APIs:** Built and maintained backend services for AI inference, data processing, and workflow orchestration using FastAPI and Node.js.
- **Data Processing & Pipelines:** Implemented background jobs and async pipelines for large-scale property data ingestion, cleansing, and enrichment.
- **Third-Party Integrations:** Integrated multiple external services to automate CRM workflows and synchronize real-estate data across platforms.

Software Developer | CRMONE (CRM & SaaS Product) (Jan 2023 – Sep 2025)

Tech: Python, Django, Node.js, Express.js, React.js, Next.js, MongoDB, Redis, Elasticsearch, Axios, Docker (basic), Kubernetes (basic)

- **Backend Architecture:** Re-architected 80+ microservices into a hybrid child/parent model, reducing cloud costs by **₹50–80K/month** and improving API latency from **1–2s to ~100ms**.
- **API Infrastructure:** Built a smart Axios wrapper supporting both monolith and microservice modes, enabling seamless service communication and simplified migrations.
- **Frontend Performance:** Optimized Next.js server-side rendering to improve local development speed for **15+ engineers**, reducing component load times and build latency.
- **Integration Platform:** Designed a unified integration framework for **17+ third-party services** (Gmail, Facebook, Slack, Shopify, Outlook, Twilio, Stripe, etc.), eliminating duplicate logic and simplifying deployments.
- **Authentication Systems:** Implemented OAuth2 authentication and optimized JWT-based flows, reducing auth endpoint latency from **2–3s to ~300ms** while enforcing RBAC and HTTPS best practices.
- **Advanced Filtering:** Built a MongoDB–Elasticsearch filtering engine supporting **150+ dynamic and predefined fields** with **8 operation types**, enabling complex AND/OR queries at scale.

- **AI Agent Mentorship:** Mentored a junior developer to build an AI agent using OpenAI function calling to translate natural-language queries into Elasticsearch filters.
- **Bulk Processing:** Developed a common bulk-operations service to offload heavy workloads from core services, maintaining system responsiveness under high load.

Intern – Full-Stack Development | La Net Team Software Solutions (Jun 2022 – Dec 2022)

Tech: Python, Django, Django REST Framework, React.js, SQL, PostgreSQL/MySQL, Redis, Celery, Dialogflow, Git

- **Data Processing & Pipelines:** Implemented data cleaning, feature engineering, and batch processing pipelines using Pandas and NumPy.
- **Asynchronous Task Handling:** Used Celery and Redis for background execution of long-running ML predictions, reports, and scheduled analytics jobs.
- **Full-Stack Engineering:** Built and delivered a full-stack e-commerce platform using React, Django, SQL, Redis, and Celery within one month, earning an **A+ grade** for internship evaluation.
- **Seller Operations:** Enabled shopkeepers to manage profiles, inventory, and orders with real-time dashboards showing item views, search analytics, and sales trends.
- **AI & Automation:** Implemented AI-powered product recommendations, ML-based demand forecasting, and automated SMS alerts to identify high-demand items and prevent stockouts.
- **User Experience:** Designed a customer-facing map-based product search with location-based filtering, smart notifications, and a Dialogflow-powered chatbot for inventory and order queries.

Education

Bachelor of Engineering in Computer Engineering
Government Engineering College, Gandhinagar, Gujarat, India
2019 – 2023 | CGPA: 7.7/10

H.S.C. (Science)
Ultra Vision High School, Surendranagar
2019 | 90.50 PR | 79.23%

S.S.C.
Ultra Vision High School, Surendranagar
2017 | 98.42 PR | 85.33%

Leadership & Achievements

- Led a team in QUENCH college fest, achieving **400+** registrations—the highest ever recorded across participating colleges
- Conducted a Cyber Safety Workshop in collaboration with GTU and CyberDost, raising awareness among **100+** graduate students during college

Projects

db-backup-tool (NPM Library) - (https://www.npmjs.com/package/db-backup-tool)

- **Tech**: Node.js, S3, Firestore, Azure, Cron | **1400**+ downloads
- Developed a database backup utility supporting local and cloud (Azure, S3, Firestore) storage, automated backup scheduling, selective query-based backups, and post-backup cleanup

VSCode Clipboard Extension

- Created a VS Code extension with customized copy-paste and clipboard history features

Mentora – Custom GPT Knowledge Assistant (in chatgpt)

- Builds a **living, explorable map of ideas** where concepts can be expanded, collapsed, and interconnected instead of consumed as linear lessons.
- Uses AI to break complex topics into **linked knowledge nodes**, enabling faster understanding and contextual learning.

Languages

- **English**: Fluent | **Gujarati**: Native | **Hindi**: Fluent