

## Vishvas Hadiyal

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## Professional Summary

Full-stack developer (MERN + Python) with 2+ 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, HTML, CSS

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

**Backend:** Node.js, Express.js, Django, Django REST Framework, Celery, Axios

**Databases:** MongoDB, PostgreSQL, Redis

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

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

**AI / ML / NLP:** OpenAI APIs, Dialogflow, Mathematical Modeling, Demand Forecasting

**Integrations:** Google APIs (Gmail, Calendar, Ads, Contacts), Facebook (Messenger, Ads, Forms), Slack, Outlook, Twilio, Exotel, Mailgun, Stripe, Shopify, WhatsApp, IndiaMART, Mailchimp

**Search & Indexing:** Elasticsearch (Indexing, Advanced Filtering, Query Builder)

**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

- **AI Agents & Integrations:** Developed intelligent AI agents for real-estate operations using OpenAI and LangChain; integrated multiple third-party APIs to streamline property workflows and automate data processes.
- **Full-Stack Development:** Contributed to frontend features in React/Next.js and backend services in Node.js, ensuring smooth, scalable, and reliable system performance.

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

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

- **Backend Architecture & Optimization:** Re-architected **80+** microservices into a hybrid child/parent model, reducing cloud costs by **₹50–80 K/month** and accelerating API latency from 1–2 s to **100 ms**; built a smart Axios wrapper to support both monolith and microservice modes.
- **Frontend Performance:** Optimized Next.js server-side rendering to improve local development speed for **15+** engineers, reducing component load and build times.
- **Integration Framework:** Designed and implemented a unified integration architecture for **17+** third-party services (Gmail, Facebook, Slack, Shopify, Outlook, Twilio, Stripe, etc.), eliminating redundant code and simplifying deployment.

- **Authentication & Security:** Developed OAuth2-based authentication endpoints, and optimized existing JWT implementations, reducing response latency from 2–3 s to 300 ms; enforced role-based access control and HTTPS best practices.
- **Advanced Filtering & AI Agent (Mentorship):** Built a MongoDB/Elasticsearch filter supporting 150+ predefined and custom fields with 8 operation types per field. Later mentored a junior to build an AI agent using **OpenAI** agents and function calling to answer natural-language queries backed by Elasticsearch.
- **Workflow & Bulk Operations:** Created a common-bulk-service clone to offload heavy tasks from the main application, ensuring core services remained responsive under load.
- **Custom Libraries:** Implemented custom array and string prototypes and developed a custom validation library mirroring YUP methods to standardize data validation across services.

### Intern, Full-Stack Development | La Net Team Software Solutions (6-month internship)

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

- Learned full-stack development with JavaScript, Python, React, Next.js, Django, and SQL,.
- Built a full-stack e-commerce platform using React, Django, SQL, Redis, and Celery in one month, receiving an **A+** grade. In this project, implemented features such as
  - Enabled shopkeepers to manage profiles, inventory, orders, and view real-time dashboards with item views, searches, and sales trends.
  - Implemented AI-powered product suggestions and ML-based demand forecasting to identify popular items; sent SMS alerts when trending items were out of stock
  - Developed a Dialogflow-based “Shopkeeper Assistant” chatbot to handle inventory and order queries through natural-language interaction.
  - Designed a customer-facing map-based product search with location-based filtering and **B2C smart notifications** to improve reorders and conversions.

## 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

## **Languages**

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