MASENGO KINDA NATHAN

Software Developer

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📍 Vadodara/Gujarat   🔗 https://goldenboy-2.vercel.app/

SUMMARY

Software Developer. Innovator. Problem Solver. Skilled in the **MERN Stack** and **Machine Learning**, I bring a unique blend of technical precision and cross-cultural adaptability. With a proven track record in software development, I focus on building practical tools that solve real community problems. Multilingual and driven, I aim to turn complex code into accessible, high-impact solutions.

EXPERIENCE

Independent Software Developer
01/2023 - Present
India

- Conceptualized and engineered full-stack solutions (Safari.cd, iDeal) using **Next.js** and **Firebase**, addressing market gaps in Real Estate and Education.
- Led a team of 3 developers to build "OfficeEase," a local-language learning platform, managing the full lifecycle from system design to deployment.

Strategy Consultant (Intern)
10/2023 - Present
India

Shanvi SARL

- Analyzed operational data to formulate strategies that improve client engagement in education services.
- Collaborated with the team to bridge the gap between technical tools and business operations.

PROJECTS

iDeal | Campus Marketplace
Tech Stack: Next.js (React), Firebase Auth, Firestore (NoSQL), Vercel

- Built a production-ready marketplace with a robust Firebase Authentication system, implementing a multi-step verification flow (Email + Admin Approval) to ensure platform trust.
- Developed a custom Admin Dashboard with role-based access to manage user verification, allowing admins to override the automated 72-hour vetting period.
- Designed scalable Firestore security rules to protect user data and deployed the application via Vercel with optimized environment configurations.

Safari.cd | DRC Real Estate & Accommodation
Tech Stack: React (TypeScript), Node.js, PostgreSQL, Drizzle ORM

- Engineered a unified marketplace combining real estate, student housing, and hotel bookings across 15+ DRC cities.
- Implemented an anti-scam architecture with verified owner badges and category-aware smart search using Drizzle ORM.

Aura | RAG-Based AI Study Assistant
Tech Stack: Streamlit, LangChain, OpenAI (GPT-3.5), FAISS

- Developed a Generative AI application using Retrieval-Augmented Generation (RAG) that allows users to chat with their PDF notes.
- Engineered a pipeline using PyPDF2 for text extraction and FAISS for vector storage, enabling efficient semantic search and context-aware responses.

VOLUNTEERING & LEADERSHIP

Technical Interpreter
Language Services Bureau
Dec 2024
India, Pune

- Facilitated real-time technical translation (French/Swahili/English) for international participants at the Bajaj Master Mech event .
- Bridged communication gaps during high-stakes discussions, ensuring clarity between stakeholders .

TECHNICAL SKILLS

- Languages: JavaScript, TypeScript, Python, Java, C/C++, SQL
- Frontend: React.js, Next.js, Tailwind CSS, HTML5/CSS3
- Backend & DB: Node.js, Express, PostgreSQL, Firebase, Drizzle
- Mobile & AI: React Native, LangChain (GenAI)
- Tools: Git/GitHub, Vercel, Postman, VS Code

SOFT SKILLS

- Critical Thinking: Optimized operational strategies for education services at Shanvi SARL.
- Problem Solving: Architected verification flows for iDeal.
- Leadership: Orchestrated development workflows for the "OfficeEase" project.
- Adaptability: Rapidly mastered LangChain and Generative AI technologies to deliver complex projects.

EDUCATION

Bachelor of Technology in Computer Science and Engineering
Parul University
07/2023 - 06/2027

- **Coursework** : Data Structures and Algorithm, OOP(Java), Computer Network, AI/ML, OS, DBMS, Software Engineering.

CERTIFICATIONS

- Generative AI
  Outskill (2025)
- Cybersecurity
  StationX (2024)
- Computer Networks and Internet Protocol
  NPTEL (2025)

LANGUAGES

- English: Highly Proficient
- French: Native
- Swahili: Native