

Vishnuvardhan M

Lead Full Stack Developer

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Summary

Lead Full Stack Developer with 2+ years architecting enterprise SaaS platforms and AI-driven automation systems, spanning application development to infrastructure — distributed services, microservices, and server management. Built a unified CRM/ERP platform and a visa-processing system spanning 150+ countries, driving lead conversion from 20% to 63% and cutting manual processing effort by 40%.

Experience

World Visa Group

Nov 2025 – Present

Lead Full Stack & Platform Engineer

Bangalore, India

- Architected and led development of WorldVisa's core digital ecosystem, spanning customer-facing platforms and internal enterprise systems used by **200+** employees across India and Australia headquarters.
- Designed and maintained distributed services and microservices for business-critical operations, strengthening system scalability and resilience under production load.
- Owned platform operations and disaster recovery planning, architecting systems to a **1-minute RTO** and **near-zero RPO**, ensuring continuous availability for business-critical operations.
- Directed cross-functional engineering and design collaboration from planning through deployment, streamlining release cycles across multiple products.

World Visa Group

Oct 2024 – Nov 2025

Full Stack Engineer

Bangalore, India

- Led redevelopment of WorldVisa Group's flagship platform using Next.js and Node.js, driving organic lead conversion from **20% to 63%**.
- Built GetAVisa, a B2B/B2C visa processing platform supporting **150+ countries**, with real-time application tracking and payment processing.
- Implemented AI-powered eligibility assessment and document intelligence workflows, reducing manual processing effort by **40%**.
- Architected WV-System, a centralized ERP unifying CRM, DMS, finance, marketing, and telephony into a single platform used across the organization's full customer lifecycle.

Technical Skills

Languages: TypeScript, JavaScript (ES6+), SQL

Frontend: React.js, Next.js, Tailwind CSS, Sanity CMS

Backend & Architecture: Node.js, NestJS (Microservices), Convex, REST APIs, GraphQL, Server Actions, Distributed Systems, BullMQ, Workflow Automation, Monorepos (Nx, Turborepo)

Databases: PostgreSQL, MongoDB (Replica Sets), ClickHouse (OLAP), Drizzle ORM, Prisma, OLTP & OLAP Design

Testing: Jest, Mocha

Authentication & Security: BetterAuth, Clerk, RBAC, JWT, Session Management

AI & Automation: RAG Applications, AI Agents, LLM Integrations, Document Intelligence, Business Process Automation

Cloud & Infrastructure: Cloudflare (Load Balancer, R2), Vercel, Dokploy, Docker, VM Management, Traefik, GHCR, CI/CD Pipelines, AWS SNS, Disaster Recovery

Monitoring & Observability: OpenTelemetry, New Relic, APM

Integrations: Razorpay, Stripe, WhatsApp APIs, Zoho APIs, MCube Telephony, DigiLocker, Digio, Third-Party APIs

Projects

WV-System | wv-system — Internal ERP unifying CRM, DMS, finance & telephony

WorldVisa Group Platform | worldvisagroup.com — Flagship company platform

GetAVisa | getavisa.in — Visa processing platform, 150+ countries

Education

Sethu Institute of Technology

2020 – 2024

B.E. Mechanical Engineering — CGPA: 9.18/10.0

Virudhunagar, Tamil Nadu

- Transitioned into full-stack software development through self-directed learning, freelance projects, and hands-on industry experience.