

Vishnu Vardhan M

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Summary

Full Stack Developer with 1+ years of experience building and scaling production-grade B2C and B2B platforms. Strong background in performance-optimized web applications, internal admin portals, and workflow-driven systems using modern frontend and backend technologies. Experienced in designing and integrating RAG-based AI agents and multi-agent models to automate eligibility checks, reporting, and decision-support workflows. Delivered revenue-impacting products, lead-generation platforms, and automation systems that significantly improved processing speed and operational efficiency.

Education

Sethu institute of technology

Bachelor of Engineering in Mechanical Engineering (GPA: 9.18 / 10.0)

March 2024

Virudhunagar, Tamilnadu

- **Relevant Coursework:** React js & Node js , Web Development

Sri AuroBindo Mira Matric Hr.Sec.School

Computer Science (GPA: 7.00 / 10.0)

May 2020

Madurai, Tamilnadu

Experience

World Visa Group

Full Stack Developer

Oct 2024 – Present

Bangalore, India

- Led the end-to-end redevelopment of WorldVisa 2.0, owning architecture, performance optimization, and conversion strategy, delivering a high-impact platform that now contributes to **60% of total company lead generation**.
- Designed and optimized user journeys, forms, and content structure to reduce drop-offs and improve lead quality, resulting in a **45% increase in qualified organic leads** within the first month of launch.
- Leading the development of **GetAVisa**, a large-scale B2C and B2B visa application platform supporting **150+ countries**, managing complex country-specific workflows, real-time validations, and multi-user collaboration across teams.
- Implemented AI-powered eligibility checks and application scoring using **RAG-based insights and AI agents**, helping applicants identify higher-success pathways while reducing manual review effort and processing time by **40%**.
- Own delivery and execution for GetAVisa by coordinating and mentoring a small development team, delegating tasks, reviewing implementations, and ensuring timely delivery of features and fixes.
- Worked closely with business, sales, and operations teams to convert real-world visa processing challenges into scalable digital workflows, enabling efficient support for both direct consumers and enterprise partners.

Projects

WorldVisa 2.0 | new.worldvisagroup.com

- Led the redevelopment of WorldVisa's public platform with a strong focus on performance and conversion, now generating **60% of the company's inbound leads**.
- Implemented a **RAG-based Global Opportunity Report** system that generates country-specific insights by combining structured data and verified knowledge sources, improving consultation quality and reducing manual research effort.
- Optimized landing flows and lead routing, resulting in a **45% increase in organic inquiries** and faster response times for sales teams.

GetAVisa Platform – B2C, B2B & Admin Portal | getavisa.in

- Leading the development of GetAVisa, a scalable visa application platform supporting **150+ countries** across B2C, B2B, and internal processing workflows.
- Built **AI agents** to automate eligibility checks, application scoring, and document readiness validation, reducing processing errors and improving turnaround time by **40%**.
- Designed a centralized Admin & Processing Portal enabling multi-user collaboration, real-time status tracking, and streamlined applicant communication.

DigiDocs – Digital Documentation & Automation Platform | digidocsindia.com

- Built DigiDocs integrating **DigiLocker** and **Digio** to automate document retrieval, verification, and consent-driven workflows, reducing manual document handling by **70%**.
- Automated the **e-Stamp generation pipeline**, enabling legally valid documents to be generated and delivered within **minutes** instead of days.
- Integrated **Zoho CRM** for exception-based and manual processing, providing full visibility and status synchronization across automated and human workflows.

Technical Skills

Languages & Core Web: JavaScript (ES6+), TypeScript, HTML5, CSS3

Frontend Engineering: React.js, Next.js (App Router, SSR, ISR), Tailwind CSS, Shadcn UI, Material UI, Responsive Design, Performance Optimization

Backend & APIs: Node.js, Convex, NestJS, REST APIs, GraphQL, Server Actions, Background Jobs, Workflow Orchestration

Databases & Data Modeling: PostgreSQL, MySQL, MongoDB, Drizzle ORM, Sequelize, Indexing, Query Optimization

Auth & Security: NextAuth, BetterAuth, Clerk, ConvexAuth, Role-Based Access Control (RBAC), Secure Session Management

State & Data Management: Redux, Recoil, Server-State Management

Payments & Integrations: Stripe, PayPal, DigiLocker, Digio, Zoho CRM, Third-party API Integrations

Observability & Reliability: Sentry, PostHog, Error Tracking, Performance Monitoring, Funnel Analysis

DevOps & Deployment: Cloudflare, CI/CD Pipelines, Environment Management, Edge Optimization

Version Control & Collaboration: Git, Monorepos, Code Reviews, Agile Development