Sakthi Vignesh

Forward Deployed Engineer | Full-Stack and AI Agents | Customer-Facing Delivery

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PROFESSIONAL SUMMARY

Full-stack engineer who turns messy customer workflows into working software. 3+ years shipping production systems (React, Next.js, NestJS, Python) after 4 years running client operations. Builds integrations and AI agents (MCP, WhatsApp, CRMs, payments), works directly with non-technical stakeholders, explains trade-offs plainly and stays on the call after launch.

CORE SKILLS

Customer delivery: Discovery and requirements, workflow mapping, stakeholder communication, written scoping and estimates, production debugging, documentation

Integrations and APIs: REST APIs, MCP servers, WhatsApp (WATI), Exotel, Razorpay, BillDesk, AWS S3, Firebase, Google Maps, Socket.IO, n8n

AI and agents: Claude, OpenAI SDK, Google Gemini SDK, Vercel AI SDK, MCP, tool calling, RAG, evals, guardrails, prompt engineering

Engineering: TypeScript, JavaScript, Python, SQL, React, Next.js, React Native, NestJS, Node.js, PostgreSQL, Redis, Docker, Git

PROFESSIONAL EXPERIENCE

Full Stack Developer Oct 2024 – Present

Hyperready Technology, Coimbatore, India

- Built the customer website, admin panel (CMS), vendor panel and CRM of BookWedGo, a wedding-venue marketplace with 7 client apps, 3 backends, 900+ API endpoints and 25 integrations (Razorpay, BillDesk, AWS S3, Firebase, Google Maps, WhatsApp, Exotel).
- Turned requirements from telecalling, sales and operations teams into CRM workflows covering lead qualification, call dispositions, escalation, reassignment and hand-off to partner systems.
- Integrated Exotel call recordings, WhatsApp messaging (WATI) and an AI service that generates call-quality and lead-analysis reports, giving managers evidence for telecaller monitoring and follow-ups.
- Building DeepSpot, an AI text-to-SQL analytics product (in development) that turns plain-English business questions into SQL, charts and answers over operational data.

Freelance AI Agent Developer 2025 – Present

Vantaverse (independent practice), Remote, India

- Run discovery with small businesses, map their workflows and write a plan of three prioritised automation opportunities with cost estimates; design agents that work in Tamil and English.
- Delivered websites and tools for clients: Atreus Physio (SEO-first clinic site, delivered in under a week), Ecopiens (export catalogue, container quotation calculator, AI image tooling), Thallu Vandi Kadai (live street-vendor map in Tamil and English) and Sashvika Cabs (bilingual fare estimator).
- Created PagePilot, an MCP-based Chrome extension and connector that lets Claude operate real browser tabs, with approval gates, site restrictions, a pause switch and action logs.
- Built Vanta Embed Agent and the vanta-agent-embed-sdk (NPM) so developers can configure an AI agent with their APIs and tools, then embed it in any web app.

Software Developer Aug 2023 – Sep 2024

KPR Technology, Coimbatore, India

- Shipped HealthyChamps, a React Native mobile app, after being hired as a React developer and learning the stack on the job.
- Built Time Tracker, a company-wide attendance and task-management app with multi-role login (React, NestJS).
- Built the React front end of SwingZen, an AI video-analysis app that helps golfers improve their swing.

Production Editor (earlier QC Analyst) 2019 – 2023

TNQ Technologies, Coimbatore, India

- Promoted from QC to Production Editor after an internal assessment; managed client communication and delivery schedules for research-article typesetting and publishing.
- Coordinated editors and international clients through Freshdesk and email against deadlines, building the client-communication and delivery habits now applied to software projects.

EDUCATION

B.Sc. Physics, Karpagam Academy of Higher Education (KAHE), Coimbatore 2016 – 2019

Full-Stack Web Development Program, NSchool Academy, Coimbatore 2023

LANGUAGES

English (professional), Tamil (native)