Vigneshwar RV

Full-Stack Developer

vigneshwarrv666@gmail.com Salem, Tamil Nadu
portfolio.byrv.dev linkedin.com/in/vigneshwar-rv github.com/VIGNESHWAR-RV

SKILLS & EXPERTISE

Frontend: HTML, CSS, JavaScript, TypeScript, React, Redux, Zustand, Next.js, Polymer, Web Components, Tailwind CSS, styled-components, Material UI, Accessibility

Backend: NodeJS, .NET, Core Java, Python, Go, Rust, Express, NestJS, LoopBack, REST APIs, GraphQL, WebSockets, MCP, JWT, Okta, Prisma, Mongoose

Data & messaging: MongoDB, MySQL, Redis, Kafka, Pinecone

Tools: Git, Bitbucket, Jenkins, Docker, Linux, Grafana, Visual Studio Code, Postman, Jest, Mocha, Vite, Webpack, esbuild

Architecture & patterns: Modular monolith, Micro-frontends, Microservices, Event-driven, Pub-sub, API design, RBAC, Code splitting, Internationalization (i18n), Contextual logging, Bundle analysis

WORK EXPERIENCE

PwC India Bangalore, India
Full-Stack Developer *Jul 2026 – Present*

- Helping a healthcare insurance client improve their product, one step at a time.

IQTechMax Chennai, India
Senior Full-Stack Developer *Mar 2024 – Mar 2026*

SURV (Home services app) | *Area: Full-stack* *Nov 2025 – Mar 2026*

- Architected, designed and set up a modular monolith backend handling interactions between consumers, service providers and admins.
- Implemented custom refresh-token authentication with support for third-party IAM providers like Google.
- Designed end-to-end bilingual support — from the database schema to localised UI strings.
- Set up the provider and admin portal repositories: best practices, role-based page loaders and an accessible component library.
- Code-split the frontend bundle so each client only downloads modules relevant to their access level.

Vidhyaan (Education portal) for TechParrot | *Area: Full-stack* *Sep 2025 – Nov 2025*

- Owned the end-to-end setup of the admin portal: students, fees, staff access, reports and dashboards.
- Designed database schemas with Prisma and built dedicated frontend and backend modules for the admin portal.
- Established the frontend foundation — folder structure, coding standards and accessible, reusable React components.

IQ Hub & IQ Agent (Product suite + AI agent) | *Area: Full-stack* *Apr 2025 – Aug 2025*

- Implemented single sign-on across all IQ products, improving login continuity and user experience.
- Adopted a micro-frontend architecture with Webpack Module Federation to centralise authentication logic.
- Designed a custom, accessible embeddable widget with native Web Components for text and voice LLM interactions.
- Built real-time communication with WebSockets for interactive text and voice processing.

Trust Your Supplier (Supplier risk platform) | *Area: Full-stack* *Mar 2024 – Mar 2025*

- Owned the micro-frontend and four backend microservice modules for third-party data integrations.
- Integrated and enhanced scoring APIs (D&B, Moody's, EcoVadis, LexisNexis) across frontend and backend.
- Optimised batch risk-data processing for bulk suppliers, significantly improving throughput.
- Resolved microservice bottlenecks with Redis caching and Kafka stream optimisation.

UST Global Bangalore, India
Software Developer *Jun 2022 – Jan 2024*

Online Banking (Banking platform) for Infosys | *Area: Data transformation & UI* *Mar 2023 – Jan 2024*

- Redesigned LoopBack model definitions and integrated them with modern UI patterns for maintainability.
- Built reusable Polymer web components — pub-sub initialisers, dynamic HTML loaders, tables, gradient SVGs, carousels — fully accessible.
- Enhanced multi-lingual support and screen-reader accessibility using event-driven patterns.
- Found and fixed memory leaks and latency issues in legacy modules.

Devportal (Developer portal) for T-Mobile | *Area: Full-stack* *Jun 2022 – Feb 2023*

- Handled client-side UI and server-side APIs in a multi-role user access management project.
- Improved API response times by tuning database queries and moving data filtering from client to server.
- Built accessible, reusable React components — recursive folder trees, markdown viewers, dynamic image resizers.
- Owned end-to-end features like User Impersonation, integrated securely with the Okta IAM provider.

EDUCATION

Government College of Engineering Erode, India
B.E. in Civil Engineering *2017 – 2021*