

Lavanya Manivannan

Senior Frontend Engineer

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SUMMARY

Senior Frontend Engineer with 10 years of experience building fintech platforms, marketplaces, ecommerce applications, healthcare solutions, and internal business systems using React, TypeScript, Next.js, and modern frontend technologies.

Experienced in building customer-facing web applications including onboarding, authentication, payments, KYC verification, booking systems, reusable component libraries, dashboards, and API-driven user experiences with a strong focus on usability, accessibility, performance, localisation, and maintainability. Comfortable working across the full product lifecycle, from requirements and technical design through implementation, testing, release, and continuous improvement.

Worked across startup, scale-up, and enterprise environments, leading frontend initiatives for fintech, marketplace, ecommerce, and healthcare products where usability, trust, payments, compliance, and business workflows were critical to customer experience. Enjoy collaborating with designers, product managers, and engineers to build intuitive, accessible, and reliable customer experiences.

TECHNICAL SKILLS

Frontend : React, Next.js, TypeScript, JavaScript (ES6+), Redux, Tailwind CSS, Storybook, Vite, HTML5, CSS3

Backend: Node.js, Express.js, Python, REST APIs, GraphQL, AWS Lambda

Cloud & DevOps : AWS (Lambda, API Gateway, CloudFront, S3, Aurora PostgreSQL, DynamoDB, CloudWatch), Docker, CI/CD, GitHub Actions, Bitbucket Pipelines

Testing: Jest, React Testing Library, Playwright, Postman

Analytics & CMS : Contentful, Adobe Analytics, Google Analytics, Google Tag Manager, FullStory

Engineering Practices: Frontend Architecture, Design Systems, Accessibility (WCAG), Technical Documentation, Agile Delivery, AI-Assisted Development, Cursor, Devin, GitHub Copilot

WORK EXPERIENCES

Renno BV | Front End Lead | Jan 2026 – July 2026

Fintech platform supporting contractor onboarding, milestone payments, escrow management, business verification, and project workflows across the Netherlands and United Kingdom.

- Built contractor payment-readiness journeys covering OPP merchant onboarding, KYC verification, bank validation, UBO checks, document handling, payout eligibility, and country-specific compliance requirements for NL and GB markets.
- Extended the platform for UK rollout through country-aware onboarding, legal entity configuration, address validation, banking requirements, currency formatting, and localisation while maintaining Dutch functionality.
- Worked across funding, escrow, protected-funds visibility, receipt generation, payment tracking, and money-formatting utilities, ensuring accurate user experiences despite webhook-driven and asynchronous payment states.
- Developed milestone, change-order, dispute, refund, and evidence-submission workflows, providing role-specific actions and project visibility for homeowners and contractors.

- Improved authentication, profile hydration, protected routes, email verification, password recovery, and secure dashboard experiences across compliance-sensitive areas of the platform.
- Improved customer-facing experiences through English and Dutch localisation, dashboard onboarding states, messaging flows, notification handling, and payment-readiness guidance.
- Added automated test coverage and AI-assisted engineering workflows across KYC, payments, onboarding, authentication, dashboards, and messaging to improve reliability and maintainability.

Immigroov, | Frontend Lead / Product Engineer (Freelance) | Feb 2025 – Jan 2026

Mentorship marketplace connecting individuals planning international relocation with experienced mentors across education, careers, entrepreneurship, and settlement services.

- Led frontend development from MVP to launch readiness, covering mentor onboarding, profile management, service publishing, bookings, dashboards, authentication, and customer-facing marketplace experiences.
- Built mentor registration and onboarding workflows including email verification, OTP verification, Google sign-in, profile setup, expertise management, booking preferences, and multi-step validation flows.
- Developed mentor service management, pricing configuration, availability scheduling, timezone-aware bookings, calendar integration, and consultation management experiences.
- Implemented authentication and platform integrations using AWS Cognito, Lambda, API Gateway, Aurora PostgreSQL, SES, and REST APIs supporting onboarding, verification, bookings, and platform operations.
- Created reusable frontend architecture, shared UI components, scalable form frameworks, dashboard patterns, and search experiences supporting consistent customer journeys across the platform.
- Worked closely with founders on product strategy, onboarding design, customer journeys, legal flows, documentation, and platform architecture decisions.

Redgrape Business Services, Senior Full Stack Engineer | Oct 2019 – Aug 2023

- Developed and maintained large-scale ecommerce applications using React, Next.js, TypeScript, and modern frontend technologies across UK, US, and Australian markets.
- Built customer journeys across product discovery, basket, checkout, promotions, offer pricing, and conversion-focused ecommerce experiences.
- Created reusable design system components using Storybook and integrated Contentful, analytics platforms, Bambuser, and third-party ecommerce services.
- Improved frontend performance, accessibility, maintainability, and customer experience through modernisation and optimisation initiatives.
- Contributed to release management, code reviews, team mentoring, and collaboration with product, design, backend, content, and analytics teams.

Cognizant Technology Solutions, Associate | Dec 2014 – Oct 2019

- Worked on React-based ecommerce and healthcare applications for Walgreens, supporting appointment booking, pharmacy services, healthcare content, and customer engagement experiences.
- Contributed to frontend modernisation initiatives involving migration of legacy Angular applications into React-based architectures and microservices.
- Improved accessibility, performance, state management, analytics tracking, and maintainability through React, Redux, WCAG, and ARIA best practices.
- Collaborated with designers, backend engineers, QA teams, and business stakeholders across large enterprise environments.

SRS Business Solutions (India) Pvt Ltd, UI Developer | June 2014 – Nov 2014

- Staffing and recruitment platform development using AngularJS, Node.js, MongoDB, and REST APIs.
- Backend API development supporting candidate management, recruitment workflows, reporting, and job management.
- Hybrid mobile ride-sharing application enabling users to create and manage shared transportation opportunities.

Qruize Technologies, Research Trainee | May 2013 – May 2014

Designed and developed a location-based notification platform using Node.js, Express.js, Angular, and MongoDB. Built the application end-to-end, allowing users to receive advance notifications about scheduled electricity outages based on location and timing preferences.

Other Projects

Women Entrepreneurs Connect | Freelance | Dec 2023 – Sep 2024 : Designed the brand identity and developed a responsive web platform to support networking, events, and resource sharing for women entrepreneurs. Delivered the solution end-to-end, including UX design, frontend development, content management, and deployment.

EDUCATION BACKGROUND

MSc in Global Sustainable Business Management – Joint degree, AUAS & University of Northumbria, 2025

BE Electrical and Electronics Engineering – Paavai Engineering College, 2012 (CGPA 8.99)