Lovish Thada

Bengaluru, Karnataka, India • lovish.99thada@gmail.com • +918112294334 • linkedin.com/in/lovishthada • lovishthada.vercel.app/

SUMMARY

Senior Frontend Software Engineer with 7 years of experience architecting scalable, high-performance platforms across fintech, payments, lending, and analytics. Expert in React, TypeScript, and Next.js, with full-stack expertise in Node.js, Java, and Spring Boot. Proven track record of building greenfield systems, modernizing legacy platforms, serving 50+ merchants, and enabling 180+ lenders, including Tata Capital, ICICI Bank, and SBI, across multiple lending products.

EXPERIENCE

Senior Frontend Engineer

Paysecure **May 2025 - October 2026, Remote**

- Engineered Paysecure's Cashier frontend, serving 50+ merchants and processing 80K+ daily transactions, maintaining Core Web Vitals at 1.9s LCP, ≤ 200ms INP, and ≤ 0.1 CLS.
- Enabled 70+ payment methods through a unified Cashier experience, including white-label Pay-in/Pay-out themes, saved cards, crypto conversion, device fingerprinting, and AI-suggested payment amounts.
- Led and mentored a 10-engineer team while serving as a top contributor in migrating 30+ business-critical modules of Paysecure's merchant platform from Thymeleaf to React 19 and TypeScript, strengthening performance, reliability, and scalability while streamlining onboarding, enabling 5× growth in merchant count, and supporting 50+ merchants.
- Architected a greenfield payment orchestration platform with React 19, TypeScript, and Redux-Saga, establishing modular frontend architecture, state-management patterns, JWT authentication, RBAC, and feature-flagged A/B testing. Engineered contract-first API integration across 56 OpenAPI specifications (~84K LOC), with automated TypeScript code generation, io-ts runtime validation, and structured error handling to strengthen type safety, API integrity, and platform reliability.
- Co-built and maintained a 40+ component accessible design system using Storybook, WCAG compliance, ARIA, keyboard navigation, and reusable design tokens, with runtime theming that enables new white-label brands to launch from a single brand color in minutes.
- Automated CI/CD and design-system releases using Node.js, semantic versioning, Chromatic, Jest, and Playwright. Standardized 18 build configurations to deploy 8+ white-label brands from a single codebase using Docker and Nginx, with Grafana-powered production monitoring.
- Leveraged Claude for AI-assisted development, accelerating implementation and refactoring while validating generated code through engineering reviews and automated tests.

Senior Software Engineer

Yubi (Formerly CredAvenue) **September 2022 - February 2025, Bengaluru**

- Delivered reusable, configuration-driven onboarding workflows for 180+ lenders, including Tata Capital, ICICI Bank, and SBI, contributing to ~75% faster partner onboarding and 60%+ lower engineering operational overhead by replacing custom integrations with self-service capabilities.
- Built Yubi's Lender Self-Serve (LSS) frontend from scratch using React, TypeScript, and Redux, integrating it into BankingOS's micro-frontend architecture to enable configuration-driven onboarding across 30+ financial institutions and 300+ integration pipelines/endpoints.
- Developed Java/Spring Boot backend services for Yubi's LSS platform, exposing frontend-facing APIs and integrating with LIS through gRPC-based inter-service communication, while orchestrating distributed lender workflows using Kafka and Redis.
- Automated lender SFTP configuration through the LSS self-service dashboard, reducing setup time from 2–3 days to approximately 5 minutes and minimizing manual configuration.
- Implemented role-based access control (RBAC) for internal teams and lenders and built integration-log monitoring tools to improve access control, operational visibility, and troubleshooting.
- Contributed to AI-driven integration automation and root-cause analysis, streamlining lender API field mapping, data-quality validation, and integration troubleshooting.
- Built reusable, configuration-driven onboarding workflows for the Originator Self-Serve (OSS) initiative, enabling flexible workflow configuration and reuse across onboarding scenarios.

Frontend Engineer

Spark Eighteen **February 2021 - September 2022, Remote**

- Led a team of 4 engineers to build Coffeee.io from scratch using React, TypeScript, Redux, architecting the frontend platform and delivering the product end-to-end, contributing to the startup's successful $6M funding raise.
- Rebuilt and optimized Zuora's Live Objects analytics platform using React, TypeScript, Redux, and D3.js, leveraging Web Workers, virtualization, and caching strategies to accelerate rendering and deliver responsive, data-intensive subscription and billing analytics for enterprise customers, including Zoom.
- Architected and developed SEO-friendly, server-side-rendered pages using Next.js and TypeScript for the Allan Gray Entrepreneurship Challenge (AGEC), delivering performant web experiences supporting entrepreneurship programs for thousands of students across Africa.

Frontend Engineer & UI/UX Designer

Panoptic Analytics **January 2020 - January 2021, Udaipur**

- Engineered 3 web applications for startup data aggregation and analytics, integrating REST APIs and GraphQL-powered dashboards to commercialize funding intelligence.
- Architected Explorebit.io from scratch and migrated its frontend from Angular to Next.js, delivering a startup and investor discovery platform backed by data covering approximately 70% of Crunchbase's entries.
- Migrated Seemly from Angular to React, modernizing the internal data-management platform and streamlining startup and investor data-curation workflows.
- Optimized Panoptic Analytics' web platforms, achieving a 94 Lighthouse performance score, 1.3s LCP, and 0.003 CLS through frontend optimization and reusable components.

EDUCATION

Bachelor of Technology - Computer Science

Techno India NJR Institute of Technology Udaipur • March 2021

SKILLS

Frontend: React 19, Next.js, TypeScript, JavaScript (ES6+), Vue.js, HTML5, CSS3, SASS, Tailwind CSS, Styled Components, Material UI, D3.js, Server-Side Rendering (SSR).

State and APIs: Redux Toolkit, Redux-Saga, Context API, React Hooks, REST APIs, GraphQL, gRPC, OpenAPI, OpenAPI Code Generation, Contract-First API Development, io-ts / fp-ts, Webhooks, API Design.

Backend: Node.js, Express.js, Java, Spring Boot, Microservices Architecture, Distributed Systems, API Gateway, Backend for Frontend(BFF), Asynchronous Processing, Multithreading, HLD, LLD, DSA, Event-Driven Architecture, Fault Tolerance, High Availability.

Testing and Performance: Vitest, Jest, React Testing Library, Cypress, Playwright, JUnit, Unit Testing, Integration Testing, End-to-End (E2E) Testing, Visual Regression Testing, Lighthouse, Web Performance, Web Workers, Virtualization, Caching Strategies, Core Web Vitals (LCP , INP , CLS).

Design Systems and UX: Design Systems, Storybook, Chromatic, Web Accessibility, WCAG, ARIA, Internationalization (i18n), Container Queries, Figma, UI/UX Design, Prototyping, Wireframing, Design Tokens, Runtime Theming.

AI: AI-assisted Development, Claude Code, Cursor, AI Code Generation, AI-assisted Testing, AI-assisted Debugging, AI-assisted Documentation, Frontend for LLM-powered Features, Human-in-the-loop (HITL) Review UIs, AI Document Classification UIs, Machine Translation APIs, AI-powered Integration Workflows.

Build, CI/CD and Cloud: Vite, Webpack, Turborepo, Monorepos, CI/CD, Jenkins, Docker, Multi-stage Docker Builds, Kubernetes, Nginx, AWS Lambda, Amazon S3, Google Cloud, Firebase, Maven, Git, GitLab, Semantic Versioning, Environment-specific Build Configuration.

Data: PostgreSQL, MySQL, MongoDB, Redis, Apache Kafka, Supabase, DynamoDB, IndexedDB, SQL, Database Design, Query Optimization, Database Indexing, Data Modeling.

Payments and Security: Payments / Fintech, Payment Orchestration, PCI DSS, KYC, Web Security, JWT , RBAC, Spring Security, OAuth 2.0, Secure API Authentication, White-label Architecture.

Observability and Analytics: Sentry, New Relic, PostHog, Mixpanel, Google Analytics, Google Tag Manager, Segment, Metabase, Grafana, Prometheus, Logging, Monitoring, Alerting, Root Cause Analysis (RCA).

Leadership and Practices: Frontend Architecture, Technical Leadership, Code Review, Mentoring, Hiring, Agile / Scrum.