

ANKIT BHATIA

Senior Frontend Engineer • Frontend Architecture & Design Systems

Designing frontend architecture and design systems that scale engineering teams and customer experience.

Melbourne, Australia | 0455 296 642 | ankitbhatia.aus@gmail.com | linkedin.com/in/bhatia87 | ankitbhatia.com

PROFESSIONAL SUMMARY

Software engineer with 16+ years building and scaling web platforms in fintech, banking, and payments. My focus has shifted from feature delivery to the decisions that outlast any one feature: the architecture a team builds on, the standards that hold once I've moved on, and the design system other engineers reuse instead of rebuilding. At Banxa I own performance and reliability of regulated, customer-critical checkout flows and I'm leading design and development of the company's Vue 3 design system from the ground up. Earlier, the SPA and micro-frontend architecture I designed at Novo became the foundation a top-revenue product line shipped on. I work every decision through a set of engineering principles I call PUREST - detailed below - and I'm now looking to extend that scope beyond a single team, building on work like the design system that other teams can already pick up and use.

ENGINEERING IMPACT AT A GLANCE

Vue 3 design system authored & published (Banxa) • Checkout LCP cut 7s → 3s (2.3x) • Architecture behind a product line at 60% of company revenue • \$10M+ in funding enabled • Standards set at 3 companies

CORE COMPETENCIES

- Architecture:** Frontend architecture, micro frontends, design systems & component libraries, SPA architecture, GraphQL/REST integration, performance optimization
- Technical Leadership:** Technical mentoring, hiring, cross-functional stakeholder alignment, client-facing technical ownership, team leadership (3-7 engineers)
- Engineering Excellence & DX:** Design token architecture, code review standards, TypeScript adoption, ESLint/tooling governance, testing, CI/CD, Agile/Scrum
- Frontend Technologies:** JavaScript, TypeScript, React, Vue 3, Redux, Next.js, shadcn/ui, Node.js, Express.js
- Cloud & Tooling:** Git/GitHub/GitLab, Webpack, Vite, Storybook, Figma, AWS, Vercel, Heroku, Jenkins, PostgreSQL

ENGINEERING PHILOSOPHY - PUREST

A set of principles I developed and apply daily to technical decisions - from code review to architecture:

- P - Performance:** Fast, measurable user experiences, held to Core Web Vitals.
- U - User-centric Design:** Technical decisions justified by customer outcomes, not novelty.
- R - Responsiveness:** Interfaces that react instantly across devices, network conditions, and screen sizes.
- E - Engineering Excellence:** Clean architecture, reusable components, maintainable code.
- S - Security:** Secure-by-default practices baked in, not bolted on.
- T - Testability:** Systems built to be observable, testable, and easy to evolve.

PROFESSIONAL EXPERIENCE

Senior User Interface Engineer | Banxa Jul 2025 - Present

Fintech / crypto payments platform - checkout, conversion, and regulated transaction flows

- Leading design and development of Banxa's design system (@banxa-official/banxa-ui) end to end - a Vue 3, TypeScript-first component library on a three-tier CSS custom property token cascade (primitives → semantic → component), built so any consuming team can theme it per-merchant at runtime without touching component code. Published under Banxa's own npm scope; in active development.
- Owned frontend delivery for self-custodial wallet validation under evolving MiCA regulatory requirements, reducing risk exposure across live transaction flows without disrupting the customer journey.
- Cut checkout LCP from 7s to 3s (2.3x) by re-architecting blocking API call patterns - one of the highest-impact performance fixes available on that page.
- Drive projects from early technical discovery through implementation and pilot, working directly with product, business, and engineering stakeholders on checkout, payments, and platform integration decisions.
- Built a partner-customisation capability giving partners direct control over the customer order journey, reducing dependency on redirected third-party experiences.
- Set the team's engineering standards and developer experience baseline - TypeScript adoption, ESLint enforcement, pre-commit checks - as the default new work is measured against, not a one-off cleanup.

Frontend Technical Consultant | Freelance

Jun 2025 - Dec 2025

- Advised early-stage founders on technical architecture and build strategy, translating business goals into maintainable frontend decisions before code was written.
- Engaged as prospective first engineer for an early-stage startup, scoped to own technical architecture, tooling, and frontend foundations from zero.

Lead Software Engineer - Frontend | Sberbank

Oct 2024 - Apr 2025

Retail banking - Guarantees & Loans modules, micro frontend platform

- Designed reusable React component patterns within a micro frontend architecture specifically so independently deployed teams could ship without coordinating releases with each other.
- Revamped core Guarantees and Loans modules for reusability and code-splitting, improving render performance and reducing critical defects.
- Drove TypeScript and ESLint adoption across the wider frontend team, the main lever that brought bug rates down, improved developer experience, and made the codebase consistent across squads.
- Ran code review as a teaching mechanism, not a gate - used it to surface refactoring opportunities and spread best practice across the team.

Senior Frontend Engineer II | Novo (Novorise Fintech)

Sep 2021 - Dec 2024

Small-business banking - Express ACH, Novo Funding, Debit Card

- Designed the SPA/micro-frontend architecture that Novo's product suite was built on, prioritising performance, scalability, and modularity - the foundation Debit Card later scaled to 60% of company revenue on.
- Led frontend delivery for Express ACH, Novo Funding, and Debit Card, contributing to over \$10M in funding disbursed to small businesses and a \$200K revenue increase in the first month post-launch.
- Led the JavaScript-to-TypeScript migration and closed security vulnerabilities across the codebase, improving both code quality and the application's security posture ahead of scale.
- Owned code review process and technical documentation, built specifically to shorten onboarding time as the team grew.

Frontend Lead | Epsilon (Conversant)

Dec 2019 - Sep 2021

- Led multiple frontend teams (5-7 engineers each), resolving cross-team technical and business problems and acting as primary client liaison.
- Built internal tools on the MERN stack for sales and management functions, later used to help secure external client bids.
- Hired and mentored junior and senior UI developers, building team capability and succession depth.

Technical Lead | TEKsystems

May 2019 - Dec 2019

- Led and mentored a 3-engineer team while owning direct client communication on updates, progress, and timelines.
- Introduced a structured code review process that reduced PR response time by 30%.

Sr. Interactive Developer | Publicis Sapient

Feb 2014 - May 2019

- Delivered features for Fidelity's Personal Investor division that increased traffic and user engagement, and built AEM components for the MFS web app.
- Owned client communication across planning, grooming, and delivery, earning recognition for productivity improvements under Agile delivery.

Earlier Experience

HCL Technologies, Treystaa Services, Vinove Software - Frontend/Web Developer roles, Noida & Delhi, Jul 2008 - Jan 2014. Enterprise frontend delivery (HTML, CSS, JavaScript, jQuery, ActionScript 3); built custom UI component libraries and interactive reporting tools; converted design assets into revenue-generating web products.

EDUCATION

Bachelor of Science in Information Technology - Sikkim Manipal University (2004 - 2008)