NIKITA KHARYA

Vice President • Lead Front-End Engineer • UI Architect • Human–AI Interaction Innovator

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PROFESSIONAL SUMMARY

Creative and impact-driven Front-End Architect with over 12 years of experience designing, building, and scaling enterprise-grade web applications across banking, cloud, healthcare, and telecom domains. A peer leader guiding teams into **agent-native GenAI development** and known for elevating product value through **modern UI engineering, cross-team leadership, and AI-forward design strategies.**

CORE SKILLS

Frontend & UI Engineering: JavaScript • TypeScript • React • Redux • MobX • Angular • React Native • Material UI • HTML5 • CSS3/SASS • Web Components • Responsive & Accessible UI (WCAG) • Micro-Frontends

Architecture & Tooling: Webpack • Vite • Babel • GraphQL • REST • WebSockets • BFF Architecture • CI/CD • Docker

AI + UI Specialization: AI Reasoning UX • Interactive Visualization (D3.js) • LLM-driven UI Flows • Prompt Engineering • AI-Assisted Development • Human-AI Verification Interfaces • Generative UI Systems

Leadership & Delivery: Agile/Scrum • Technical Ownership • Cross-Domain Collaboration • Stakeholder Management • Mentoring & Team Development • Product Strategy

PROFESSIONAL EXPERIENCE

Vice President

Morgan Stanley | Oct 2023 – Present

- Selected as an AI Squad Catalyst, guiding my team into the next frontier of agent-native GenAI development
- Pioneered AI-accelerated development in the firm using structured LLM prompts and workflows to compress multi-week cycles into hours
- Architected enterprise oversight solution eliminating compliance gaps, now the standard framework across multiple business domains
- Designed the One UI Platform, consolidating three major applications into a unified workflow. Early POC results reduced processing time 40% (25→15 min/account), saving 33+ hours daily across ~ 200 accounts
- Led UI development for onboarding application delivering STP workflows, exception handling with complex features, enabling 1,500+ accounts with $9B+ AUM while reducing operational risk and accelerating time to trade
- Managing a team of 8 engineers across FTE and contractor resources, driving technical mentorship and delivery excellence

Member of Technical Staff 3

VMware | May 2022 – Jul 2023

- Modernized CloudHealth UI through React migration, improving usability and multi-cloud analysis workflows
- Developed UI-as-a-Service components enabling unified experience; proposed visualization POC projected to cut analysis time by 35%

Assistant Vice President

Deutsche Bank | Feb 2019 – May 2022

- Led UI for a transaction monitoring platform, enhancing automated compliance and reducing manual review risk
- Built a config-driven UI framework reused across multiple banking applications.
- Led and mentored a team of 6 engineers

Prior: Accenture (Senior Software Engineer) | Cognizant (Associate) — 2013-2019

RESEARCH & INNOVATION

Human–AI Reasoning Interfaces (iGraph) — *Independent Research*

- **Author:** "[When AI Reasoning Meets Interface Design](#)" **— introducing structured reasoning visualization**
- Developed the iGraph system, demonstrating how UI architecture improves AI reasoning verifiability, error detection, and cognitive clarity

EDUCATION & SELECT PROJECTS

B.E. in Computer Science And Engineering | Rajiv Gandhi Prodyogiki Vishwavidhyalaya

• Mobile Fashion App (React Native) • React → React Native GenAI Migration Pipeline