

# TAN NGUYEN

# SOFTWARE ENGINEER

Staff Software Engineer with 10+ years building high-scale, high-impact products across ride-hailing, food delivery, and stock exchange platforms - serving millions of users at scale. Specialized in React/TypeScript micro-frontends (Module Federation), performance, and developer productivity.

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## KEY SKILLS

### Fullstack

- Javascript, Typescript, Micro Frontend
- React, Next.js, Vue, Nuxt 3
- Node.js, Express.js, Golang, C#, Laravel
- Tailwind CSS, HTML5, CSS3, ES6, Sass, Styled Component, React Query
- PostgreSQL, MongoDB, NGINX, Elasticsearch, Redis, RabbitMQ, Prometheus, Grafana

### Agentic AI

- Claude Code, Cursor, Openclaw, Paperclip, n8n

### Mobile

- React Native, Expo, EAS, Firebase, IAP
- Reanimated, NativeWind, Haptics, Lottie, Skia
- Expo modules, Multi-tenant architecture

### Testing

- Vitest, Jest, Mocha, Enzyme, WebdriverIO

### Engineering Lead

- Critical thinking, Problem-solving, Agile, Jira
- System Design, Figma, MS Office, Metabase, Analytic, ...

## WORK HISTORY

### Staff Software Engineer

10/2023 - Present

*Be Group Jsc.*

**Bizops Micro (Unified company portal)** | Module Federation, React, Next.js, Vue, TypeScript

#### + Responsibilities:

- Set frontend platform direction for MFE; authored RFCs for MFE architecture, Shadow DOM isolation, TypeScript validation, and core platform tooling powering 15+ micro-apps.
- Led consolidation of 12 internal portals into 1 unified BizOps platform; established shared foundations (design system/libs), platform standards, and scalable cross-team frontend architecture.
- Shipped internal access/ticketing portal (registrations + internal requests), improving self-service and reducing reliance on legacy tools.
- Owned finance domain UI + logic (100+ complex tables/workflows), partnering with stakeholders to deliver accurate, auditable flows.
- Served as engineering lead for key projects and cross-team delivery.
- Led and contributed to org-wide security initiatives end-to-end (PII masking, audit logging, ACL management), reducing compliance risk across key surfaces.

#### + Notable achievements:

- Optimized CI/CD, reducing deployment effort by ~1,500 hrs/year and improving release stability.
- Automated recurring workflows, saving 100+ hours/year of manual work.
- Standardized MFE templates + pipelines to reduce onboarding/environment friction and increase team throughput.
- Grew ticketing portal adoption to handle ~30% of total IT tickets, replacing legacy tooling.

### Sr. Software Engineer

05/2018 - 09/2023

*Lozi Vietnam Jsc.*

**Loship (Food & grocery delivery)** | React, Node.js, TypeScript, PostgreSQL, Elasticsearch

#### + Responsibilities:

- Core engineer on the team; shipped end-to-end features improving critical customer and ops flows.
- Mentored/onboarded 6 engineers; increased team output via reusable patterns, docs, and RFCs.
- Integrated third-party services/APIs supporting a revenue-critical stream.
- Refactored legacy web codebase (reduce ~30% codebase size) and improved stability to 99% crash-free rate.

### + Notable achievements:

- Built a dynamic mobile newsfeed system, saving ~250 hrs/year previously spent on manual requests.
- Shipped customer ↔ driver chat + notifications; cut phone-call costs 3× and engagement +40%.
- Improved SEO to ~95 average Lighthouse score, increasing discoverability via performance + indexing improvements.

### Web Engineer

08/2016 - 03/2018

Citynow Co., Ltd

- Helping develop new and customization of the existing features for the Job posting and applications project using React.js, Redux, Ant Design.
- Improving Product Aesthetic and UX with engaging animation effects for the Trading platform, as part of a strategic collaboration with Revollet company.

## PROJECTS

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### HVA - Multi-level Investing Platform | Software Engineering Lead (Mobile & Web) [www.hva.vn](http://www.hva.vn)

- Built mobile + web platform from scratch, serving 1,000+ investors and partner networks.
- Designed and implemented app-wide animations, transitions, and haptics to improve UX and engagement across key investment flows.
- Built CI/CD pipelines for iOS, Android, and web releases, reducing manual deployment effort by 70% and improving release stability.

### Orionx - Finance Signal & Trading Platform | Sr. Software Engineer [www.orionx.vn](http://www.orionx.vn)

- Built a trading strategy backtesting system with rich visual playback to improve decision-making.
- Developed real-time visualization features (line/bar/heatmap/radar) and large-scale data tables for analysis workflows.
- Optimized WebSocket data handling to support 1,000+ requests/sec and high-frequency market updates with stable frontend performance.

### Self Plus - Chinese metaphysics insights | Sr. Software Engineer (Mobile & Web) [www.selfplus.vn](http://www.selfplus.vn)

- Built mobile + web app from scratch, owning end-to-end delivery.
- Grew to 5,000 active users with ~500 DAU and ~40% DAU/MAU, improving retention via product iteration and lifecycle messaging.
- Built Firebase push notifications system and user-journey scripting leveraging in-house data.

### Swingby Labs - Decentralized Bitcoin bridge protocol | Sr. Software Engineer

- Contributed to a web3 node hosting platform supporting blockchain transactions; generated ~\$100k liquidity and ~\$2k/month rewards.
- Delivered full-stack features with 300+ high-quality PRs, maintaining a strong review/quality bar.

## EDUCATION & CERTIFICATIONS

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### Bachelor of Computer Science | University of Information Technology (VNUHCM) (2013–2017)

- GPA: **7.93/10**
- Final thesis + research at Multimedia Laboratory, Department of Computer Science

### Certificates & Awards | Be Group Jsc.

- Completed Leadership & Professional Training with certifications in “Strategic Planning Skills & Problem-Solving Process” and “Leading to Impact” courses.
- Be Star Award 2026 - Best employee of the year

## ADDITIONAL INFORMATION

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- Vietnamese native; English intermediate proficiency.
- Based in Ho Chi Minh City.
- IDE: Neovim, Cursor, Claude Code.
- Hobbies: Piano, Badminton
- Work style: ownership-driven, pragmatic, low-ego collaboration.