Kenneth Tran

Software Engineer | Full-Stack Developer
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Professional Summary

Frontend-leaning Full-Stack Engineer with 6+ years building enterprise-scale using **Angular**, **RESTful APIs**, and **CI/CD** pipelines in fast-paced **Agile** teams. Proven ability to deliver secure, user-centric web applications, collaborate with cross-functional teams, and support systems used by thousands of daily users. Comfortable owning features from design to deployment.

Technical Skills

- **Frontend:** Angular, TypeScript, JavaScript, NgRx, SASS, Tailwind CSS, UX/UI
- **Backend:** Node.js, Express, Java (Spring Boot), REST APIs, Firebase
- **Testing & Quality:** Cypress, Jest, Jasmine, Karma, WireMock, SonarQube
- **Databases:** PostgreSQL, MongoDB

Professional Experience

J.B Hunt Transport, Inc. | *Software Engineer*   *Jan 2019 – Dec 2025*

- **Architected** and maintained a large-scale **Nx Monorepo** comprising **19+ micro-frontend applications** and **100+ shared libraries**, utilizing **Module Federation** for runtime integration
- **Built** full-stack applications using modern web technologies
- Focused on responsive design and **a11y** (ARIA labels, keyboard navigation), ensuring a seamless experience across mobile, tablet, and desktop
- Led the migration of legacy monolithic components to modular **Nx** libraries and converted components to **Angular Standalone** architecture
- Implemented **CI/CD pipeline**s using Azure DevOps, managing automated testing and deployment processes
- **Responsible** for ensuring the team's compliance with J.B. Hunt's architectural standards while contributing to bringing new technology to the organization
- **Mentored** junior developers through pair programming and code reviews, maintaining high code quality and **SonarQube** metrics.

Projects

MockPilot

- A full-stack **SaaS AI-powered** interview preparation platform built with **Angular**, **Firebase**, and **large language models**. This application helps job seekers practice interviews with AI interviewers and receive detailed AI-generated feedback to improve their interview skills
- **Implemented** robust multi-LLM fallback system
- Integrated **DeepInfra API** for cost-effective inference on open-source models
- **Implemented** real-time interview coaching panel with three support levels
- **Built** intelligent retry logic that automatically switches between models if one fails

[Sweet Land PWA](Sweet%20Land%20PWA)

- Developed a full-stack **Progressive Web App** using **Angular** with **Firebase Firestore**, enabling offline-capable mobile ordering for small businesses without expensive POS systems
- Designed mobile-first UI using **Angular Material** components with responsive layouts optimized for small-screen devices and touch interactions
- Configured realtime **CRUD** operations for menu items and orders with optimistic UI updates and error handling using **RxJS** operators (map, tap, catchError)
- **Deployed** cost-efficient **serverless** architecture by leveraging direct client-to-Firebase integration, eliminating backend hosting costs while maintaining real-time capabilities
- Set up automated **CI/CD pipeline** with environment configuration scripts for production deployments and Firebase integration

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Awards

- 2nd Place J.B Hunt Hackathon Oct 2019

  Engineered an innovative hackathon tool that **automated** Design System (DS) compliance validation. This utility **crawled** application pages to **generate** visual Annotation Reports, page screenshots with all DS components highlighted, which empowered users to **confidently ensure** consistent adherence to established design standards across the entire application.