KENNETH TRAN

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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.

WORK EXPERIENCE

J.B Hunt Transport, Inc.   Lowell, AR
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 pipelines 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

- 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

ADDITIONAL

Technical Skills: Angular, TypeScript, JavaScript, Tailwind CSS, UX/UI, Node.js, Express, Java (Spring Boot), PostgreSQL, MongoDB
Awards: 2nd Place J.B Hunt Hackathon (Oct 2019)