

Niko (Zizhuo) Wang

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Technical Skills

Languages: JavaScript, TypeScript, HTML5, CSS3, Python, Java, Kotlin, R

Frameworks & Libraries: React, Next.js, Node.js, Express.js, Vite, Tailwind CSS, React Native, Expo, Angular

Database: MySQL, PostgreSQL, MongoDB, SQLite, Supabase

Projects

Niko Tick (Task Management App) | [\[Live Site\]](#) | *React, TypeScript, Vite, Tailwind CSS, Supabase, Vercel*

- Built a full-stack task management application with real-time data synchronization using Supabase PostgreSQL and global state management with the React Context API
- Implemented secure user authentication using Supabase Auth

Niko Budget (AI-Powered Expense Tracker App) | [\[GitHub Link\]](#) | *React Native, TypeScript, Expo, Express.js, Tailwind CSS, Drizzle ORM, Supabase, Zustand, DeepSeek API*

- Built a cross-platform AI-powered expense tracker for iOS, Android, and web, featuring an AI assistant that parses natural-language user inputs using the DeepSeek API
- Developed a RESTful API with Express.js and Drizzle ORM, integrated Supabase JWT-based authentication, and managed client-side state with Zustand

Daily Briefs By Niko (Automated AI Newsletter Platform) | [\[Live Site\]](#) | *React, TypeScript, Next.js, Tailwind CSS, Inngest, Resend, RSS, Vercel*

- Built an automated newsletter platform that aggregates AI-related news from multiple RSS feeds and delivers daily email digests to subscribers
- Implemented scheduled background workflows using Inngest and integrated the Resend API for email delivery and subscriber management

Personal Portfolio | [\[Live Site\]](#) | *React, TypeScript, Next.js, Tailwind CSS, Vercel*

- Built a responsive personal portfolio website with dark/light mode, smooth-scrolling navigation, and server-side rendering using the Next.js App Router

MyTechiePro (Agile Team Project) | [\[Live Site\]](#) | *Angular, TypeScript, Stripe API, Express.js, MongoDB*

- Developed an end-to-end payment flow by integrating Stripe Checkout, implementing session-based payment status verification, and conditionally rendering the UI based on transaction state
- Built and consumed RESTful API endpoints for transaction management, connecting frontend state to MongoDB records via Express.js

E & J Gallo Winery (Market Entry Analysis Project) | [\[GitHub Link\]](#) | *SQL, Python, Pandas, Tableau*

- Cleaned and analyzed a survey dataset with 273 responses and 88 variables using Python (Pandas) and SQLite, identifying customer segments, price sensitivity, and channel preferences
- Designed a Tableau dashboard with 9 interactive visualizations highlighting customer segments, price sensitivity, distribution channels, and demographic trends

Work Experience

Management Consultant - Ernst & Young Global Limited, Shanghai

May 2021 – Mar 2023

- Analyzed assessment data for 500+ automotive sales consultants across 200+ dealership locations, built competency reports, and identified skill gaps to inform client learning and development strategy
- Processed and segmented survey data from 300+ end users during SAP SuccessFactors feature rollout, delivering insight-driven reports to support change adoption across Hong Kong, Mainland China, and Japan

Education

British Columbia Institute of Technology – Diploma in Computer Systems Technology

2025

Wake Forest University (#51, U.S. News 2026) – Master of Science in Management

2021

North Carolina State University (#64, U.S. News 2026) – Bachelor of Science in Mathematics

2019