CLAY VANDERKOLK

FULL-STACK SOFTWARE ENGINEER

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SUMMARY

Full-stack engineer with 2.5+ years of production experience on a small engineering team where I shared technical ownership and contributed directly to design, architecture, and overall product decisions. I have unique experiences that contribute to my skillset — an eye for design from my experience with graphic design and videography, the problem solving tools of a math background, and the communication skills built from teaching in a diverse setting. I strive to build software that not only looks compelling but also balances strong performance with thoughtful, intuitive design.

SKILLS

*AWS Certified Cloud Practitioner

REACT, NEXT.JS, TYPESCRIPT, JAVASCRIPT, NODE.JS, REACT NATIVE, EXPO, TAILWIND CSS, SUPABASE, POSTGRESQL, REST APIS, WEBSOCKETS, UI/UX DESIGN, RESPONSIVE DESIGN, DOCKER, AWS, GIT, CI/CD

EXPERIENCE

Full-Stack Software Engineer

My Logistics Solutions, Inc. | November 2023 - Present
Logistics marketplace platform connecting customers, service providers, and operations teams

- Optimized front-end performance through efficient component architecture, dynamic imports, and thoughtful data management — improving load times by ~30% and overall responsiveness
- Built and integrated full-stack features across the MYLO platform, connecting front-end applications with APIs, databases, and cloud infrastructure
- Collaborated with a distributed team to deliver features for a three-sided marketplace serving customers, service providers, and internal operations
- Contributed to technical discussions and shared decision-making around architecture, feature prioritization, and development approaches

Contract Software Development

Clay Creative | June 2025 - Present
Personal contract work for local businesses

- Designed and built full-stack web platforms for multiple businesses — equipment marketplaces, real-estate lead systems, and creative studio sites — using Next.js, React, TypeScript, and Supabase
- Architected CRM systems and admin dashboards to manage leads, inventory, and client workflows, automating internal processes and communication pipelines
- Implemented secure authentication, role-based access controls, database architecture, and automated email/backend workflows to support multi-user business operations
- Built responsive, performance-optimized front-end experiences with a focus on usability, accessibility, and clean UI patterns — and integrated third-party APIs for payments, messaging, and automation

Middle School Math Teacher

The Potter's House | August 2022 - August 2023
Urban middle school

- Developed data-driven systems to track and improve outcomes for 100+ students, building analytical and problem-solving habits.
- Delivered complex material clearly to diverse audiences, strengthening technical communication and documentation skills.
- Engaged in structured peer review and feedback cycles, building habits of honest feedback and continuous improvement.

EDUCATION

Taylor University – BSEd, Mathematics

(2018-2022) | Student Athlete - Varsity Soccer (Captain)

Supplemental Online Courses

(2023) | Web Developer Bootcamp 2023, University of Michigan, Harvard University