# Mike Shields

<> `${Software Engineer}` </>

## CONTACT

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## SUMMARY

Software Engineer with over **6 years** of experience, specializing in frontend development and leading innovative projects, my approach combines technical innovation with a deep understanding of user needs to support smarter business strategies.

## EXPERIENCE

### Software Engineer @ Finovance

January 2020 – Current // Albuquerque, NM (Remote)

› Leading the development of Finovance's sophisticated business account dashboard application with Vite, React, Node.js, integrated with PostgreSQL. This project is designed to empower small/medium business owners (SMBs) by providing detailed financial and revenue insights through real-time data visualization and analytics. Allowing them to make informed, data-driven decisions

› Currently working on the continuous development and enhancement of the main Finovance website, using React for creating dynamic and responsive UI, and fostering teamwork between front-end and back-end teams. My role is to make sure the platform stays flexible to keep up with the rapid evolution of financial services and AI technology

› Implemented robust security measures to guarantee compliance with GDPR and CCPA standards for sensitive financial transactions using OAuth and JWT

› Led the effort to establish and implement thorough coding standards that improved code quality, consistency, and maintainability across all projects

### Software Engineer @ T-Mobile

September 2017 – December 2019 // Albuquerque, NM (Hybrid)

› Contracted by **T-Mobile US** to help create customer facing onboarding pages at t-mobile.com/support using Vue.js / TypeScript & PHP / Laravel, AWS, GitLab CI/CD stack. This resulted in a significant decrease in customer care calls from Sprint customers transitioning to T-Mobile after the merger

› Worked on the development and cloud management for multiple high-profile applications, including those that support both the entire employee/customer base for T-Mobile. My role involved optimizing application performance, ensuring scalability in the cloud environment, and contributed to continuous feature enhancements

› Helped internal T-Mobile engineering teams with testing, diagnosing, and debugging production issues, as well as creating documentation and code standards for engineering teams

### Software Engineer @ Custom Apps

January 2016 to Current Freelance and Contract (Remote)

› Led the end-to-end development process of scalable websites and applications, from initial concept and design to testing and deployment, to guarantee strong functionality and a great user experience

› Developed custom CMS systems tailored to the clients specific business needs, enabling easy modifications and management

› I had extensive meetings with clients to determine project parameters, objectives, and deadlines. Used agile project management strategies to successfully provide solutions within agreed-upon dates, rapidly responding to change requests and issues to guarantee high customer satisfaction levels

### Volunteer & Professional Development

### Chapter Co-Lead @ Codecademy

September 2021 – Present // United States

› Provide live demos, workshops, tutoring, and mentoring for engineers and students learning JavaScript, React, Next.js, Node, and AWS, Serverless architecture.

› Codecademy Hackathon Runner Up - Team Xcessibility ↗

## EDUCATION

**Colorado Technical University**
Colorado Springs, CO

Currently Pursing Bachelor of Computer Science Technology (Concentration: Software Engineering)

**Scott Community College**
Davenport, IA

Associate of Business Administration

For fun this resume was built with HTML and Tailwind CSS | See the GitHub Repo ↗

## SKILLS

### Programming & Languages

JavaScript (ES6+)   Node   HTML   CSS   SQL

### Libraries & Frameworks

React / Redux   TypeScript   Next.js   Zustand   Tailwind   Jest   Cypress

### Tools | Services | Database

Git / Bash / Shells   Eslint   GitHub / GitLab   CI/CD   Firebase

### Related Skills

Agile (Scrum)   SEO / Meta   Accessbility (CWAG)   Jira / Atlassian   Figma

## PROJECTS

### T-Mobile New Customer Onboarding ↗

T-Mobile Onboarding | Javascript, Vue, Laravel, Node.js
*Finished*

**Description:** T-Mobile onboarding experience to showcase benefits to new customers
**Market Need:** Noticed huge churn with Sprint migrating customers
**Solves:** Intigration and education of T-Mobile benefits and un-carrier moves
**How It Works:**
› Users can set up online account to manage T-Mobile account
› Educates customers of the benefits they recieve with T-Mobile service
› Makes customers migrating from Sprint understand how their billing will display moving forward.

### EatAi ↗

EatAi | JavaScript, React, Firebase, Zustand

**Description:** EatAi, an innovative tool created to support gym owners, trainers, and fitness enthusiasts, uses artificial intelligence to create customized nutrition plans, helping clients reach their fitness goals efficiently

**Market Need:** Identified a significant gap in the market for a platform that could provide personalized nutrition advice, essential for individuals pursuing specific fitness goals

**Solves:** EatAi offers a smart and easy-to-use platform that simplifies the complexity of nutrition planning. It makes personalized dietary advice accessible to a broader audience, rather than just people who can afford professional nutritionists
**How It Works:**
› For **Admins:** Features subscription management, client management, and nutrition plan customization, enabling gym owners and trainers to tailor the platform's offerings to their clients' unique needs
› For **Clients:** Allows account creation, setting customization according to personal fitness goals, tracking of progress, and convenient access to personalized nutrition plans