

TAYLOR ERMOLOV

nermolov.com

RELEVANT EXPERIENCE

Full Stack Developer

February – October 2024

Charleston Digital, Charleston, SC

Charleston Digital is a 501(c)(6) non-profit dedicated to the creation and growth of local tech companies.

Tech: Svelte, Node.js, TypeScript, GraphQL

- Championed, designed and implemented a membership management system to replace 5 redundant sources of truth, reducing management time by 90%.
- Created a payment-integrated form builder, reducing existing SaaS payment fees by 70%.
- Worked closely with stakeholders to design a responsive marketing website.

Tech Lead, Senior Software Engineer

August 2022 – January 2024

LASSO, Charleston, SC

LASSO provides an end-to-end platform for event companies to streamline operations.

Tech: Node.js, Vue, TypeScript, MySQL, CI/CD (CircleCI), AWS, Git, ProseMirror, WebSockets

- Handled greenfield implementation and team onboarding of three new products, comprising 30% of LASSO's offerings.
 - Implemented and launched a specialized project management platform in 2 months. Onboarded 15 clients.
 - Implemented and launched a shipping logistics cost estimation tool in 1 month.
 - Designed and built a web-based slide editor for publishing data-driven presentations in 2 months.
- Interviewed candidates, mentored junior engineers and set technical standards.

Chief Technology Officer

March 2021 – July 2022

Denture Care Shop, Charleston, SC

Denture Care Shop reduced denture prices by 70% using digital dentistry and custom telehealth software.

Tech: Go, React, PostgreSQL, Electron, iOS (Swift), AWS, CI/CD (GitHub Actions), WebSockets

- Designed, implemented, patented and iterated on an asynchronous telemedicine system for digital dentistry and workflow management, facilitating care for over 600 patients.
- Worked closely with consulting dentists to develop processes for consistent patient outcomes.
- Managed junior backend engineer by planning deliverables through Kanban.

Technical Lead

August 2019 – February 2021

Charleston Digital, Charleston, SC

Tech: Go, Node.js, React + Redux, Flutter, Android (Java), C#, PostgreSQL, MongoDB, DigitalOcean, WebRTC

- Converted a bespoke data aggregation platform to a multi-tenant SaaS product. Expanded client base by 300%.
- Provided contract engineering services to partner companies.
 - Developed a telehealth training system integrating multimedia feeds from Android devices and medical appliances, facilitating continued education for over 100 doctors internationally.
 - Developed a personal safety Android/iOS application with always-on voice activation, real-time location sharing and video streaming.