

Gabriel Kuettel

gabrielkuettel@gmail.com ❖ (970) 373 6652 ❖ www.gabrielkuettel.com ❖ Boulder, Colorado

WORK EXPERIENCE

Local Fiber

Dec 2023 – Present

Senior Software Engineer (Contract)

Boulder, Colorado

- Developed a high-performance REST API for locating ISPs via geolocation using Node.js, MongoDB, and Elasticsearch. Optimized query performance and indexing strategies, resulting in a 700% improvement in response speed while accurately processing over 300 million records.
- Spearheading the development of a full-stack SaaS platform for ISPs to provide on-bill services, utilizing TypeScript, React, TailwindCSS, Node/Fastify, and PostgreSQL. The platform features:
 - Dynamic reporting and data visualizations for actionable insights.
 - A marketplace for ISPs to offer and manage various services.
 - Seamless integrations with third-party vendors and billing systems.
 - Responsive and intuitive user interface design, ensuring a smooth user experience.
- Implementing industry best practices, such as modular architecture, efficient database design, and comprehensive testing, to ensure scalability, maintainability, and reliability of the platform.

TxnLab

Jan 2022 – Mar 2023

Co-Founder & Senior Software Engineer

Denver, Colorado

- Built and launched NFDomains, an identity solution on the Algorand blockchain that leveraged on-chain metadata to make transactions seamless and provide a secure and transparent platform for identity and claims verification. The platform generated \$3.75 million in revenue and acquired 5,700 users within the first 6 months of launch.
- Created the application software using Next.js, Node.js, Go, and MongoDB.
 - Designed and built the application's frontend components using TypeScript, Next.js and Tailwind CSS.
 - Created services that blended REST APIs with real-time blockchain data to deliver a seamless user experience.
 - Built and maintained "@txnlab/use-wallet", an extensible and flexible open-source library that enables developers to easily integrate third-party crypto wallets into their applications.
 - Implemented unit tests and E2E tests using Jest to ensure fast progressive enhancement while maintaining a high standard of performance and user satisfaction.

Created the company identity and logo and other marketing assets, including the company website, blog posts, social media, and video media.

SANS Institute

Feb 2020 – Jan 2022

Software Engineer

Denver, Colorado

- As a member of an agile team, built an iOS and Android native app that delivered on-demand video content, quizzes and coursebooks using TypeScript, React Native, Node/Express and AWS Lambda.
- Designed and built UI components for the company website using Vue/Nuxt.js.
- Implemented and adhered to web application security best practices, with particular attention to authentication and access control, and mitigating SQL injection, XSS and CSRF vulnerabilities.

Kanso Software

Apr 2019 – Aug 2019

Frontend Developer (Contract)

Denver, Colorado

- Designed UX/UI and developed a reporting system and analytics dashboard with Angular, consumed REST services to dynamically generate reports, interactive tables and data visualizations.
- Conducted thorough testing and debugging to identify and resolve issues, ensure cross-browser compatibility, and maintain a high-quality codebase.

University of Denver

Mar 2019 – Aug 2019

Web Development Assistant Instructor

Denver, Colorado

- Guided students in learning full-stack web development using JavaScript, HTML/CSS, React, NodeJS/Express, MySQL and MongoDB.
- Provided one-on-one mentorship and support to students, helping them troubleshoot coding challenges and grasp complex concepts.

Gold Standard

Multimedia Developer

Apr 2016 – Nov 2018

Geneva, Switzerland

- Designed and developed a web portal for documentation and media resources used by 1,700 climate projects.
- Created engaging motion graphics and animations to effectively communicate climate change topics and solutions.
- Wrote compelling articles and blog posts on climate change mitigation, sustainable development, and Gold Standard's initiatives.
- Managed the company's newsletter, curating content and designing email templates to engage and inform subscribers.

EDUCATION

University of Colorado, Boulder

B.S. in International Affairs

Aug, 2014

Boulder, Colorado

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** GIAC Certified Web Application Defender (GWEB)
- **Skills:** Early Venture Fundraising and Strategy, Graphic Design, Videography & Motion Design, Copywriting