

Gabriel Kuettel

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

Versatile Full Stack Developer with 6+ years in fast-paced startup environments. Expertise spans mobile apps, SaaS platforms, blockchain solutions, cybersecurity and API development.

WORK EXPERIENCE

Local Fiber

Chief Technical Officer

Dec 2023 – Present

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 80k requests per day.
- Developed a full-stack SaaS platform and dashboard for ISPs to provide on-bill services, utilizing TypeScript, React, TailwindCSS, Node/Fastify, and PostgreSQL.
- Built a robust Billing API microservice using Node.js/Fastify and TypeScript, integrating with multiple billing systems, enabling secure interaction with various billing systems through a single, unified API interface.

TxnLab

Co-Founder & Senior Software Engineer

Jan 2022 – Mar 2023

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.
- Architected 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.

SANS Institute

Software Engineer

Feb 2020 – Jan 2022

Denver, Colorado

- 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

Frontend Developer (Contract)

Apr 2019 – Aug 2019

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.

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