

Mike Finnegan

Full stack developer with a focus on web applications, Node JS, and SQL

2826 Fairfax St
Denver, CO 80207
(203) 505-5624
devmikef@gmail.com
<https://www.FinnyG.com>

EXPERIENCE

Voudo, LLC, Brighton, CO — Senior Fullstack Software Engineer

January 2021 - Present

Developed custom web applications and APIs for boutique software consulting firm, specializing in SaaS applications and startup clients

Developed a web application which helps users safely use hazardous equipment and maintain OSHA Lockout-Tagout compliance

Developed a TMS that lets users manage shipments, routing, dispatching, and use realtime location-based services.

Developed REST APIs, designed database schemas, performance tuned SQL queries, and developed elegant & thoughtful user interfaces

Developed CI/CD pipelines and devops work as needed

Audacy / Radio.com, Denver, CO — Backend Engineer

March 2020 - September 2021

Developed REST and real-time streaming APIs to serve JSON data and live-streamed MPEG/HLS audio to over 30 Million monthly active users

Assisted with architecture review by providing input on microservice and database schema design

Implemented SQL query performance tuning, indexing, and caching strategies to ensure fast API response times

Wrote microservices to handle processing podcast data, transcribing live radio broadcasts, and managing user preferences

Automated processes, alerting, and error reporting to ensure DMCA compliance

Wrote unit & integration tests, helping to ensure 80% - 90% test coverage

Escape Velocity Systems, Boulder, CO — Software Developer/Team Lead

September 2016 - March 2020

Helped lead a team of developers to deliver custom warehouse management, inventory tracking, and manufacturing software.

Developed mobile apps, web apps, APIs, robust integrations with TMS and ERP systems (Sage & Infor), designed database schemas, and implemented custom reporting.

Helped juniors think through problems & advocated for best practices

Languages

TypeScript, JavaScript, SQL, HTML, CSS/SCSS, Python, C#

Skills

Functional Programming, Object Oriented Programming, Database Normalization, SQL Query Performance Tuning, Reporting, Data Visualizations

Frameworks/Libraries

Express, Fastify, Knex, Vue, Vuex, React, Redux, React Query, AngularJS, Socket io, AWS SDK, HLS, FFMpeg, Kafka, Electron, Xamarin Webforms, JasperSoft Reports, MuleSoft, Sinon, Mocha, Chai

Databases

Postgres, MS SQL Server, MySQL, Redis, DynamoDB

Software

Git, Docker, Nginx, PM2, Cron

Education

Certificate - Portland Tech Academy (12/2015 - 04/2016)

B.B.A. Finance - Western Connecticut State University (09/2005 - 05/2009)