Mike Finnegan

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

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EXPERIENCE

Entercom / Radio.com, Denver, CO — *Software Engineer*

March 2020 - PRESENT

Developed REST and real-time streaming APIs to serve radio.com JSON and audio to over 20million - 40million users per month.

Designed SQL and NoSQL database schemas.

Implemented SQL query performance tuning and caching strategies to ensure fast load times.

Wrote microservices to handle backend processes like processing podcast data and transcribing live radio broadcasts.

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

September 2016 - March 2020

Spearheaded forward development and maintenance of warehouse management system (iOS app and web application)

Collaborated with CTO on engineering practices and architectural decisions

Developed custom APIs, integrations, and import processes, to bridge otherwise incompatible systems using REST, SOAP, Web Sockets, and FTP

Saved users over $200,000 annually in shipping label chargebacks by automating manual processes

Developed customizations to Sage500 ERP accounting software

Developed web and pdf reporting and data visualizations

Trained and mentored junior developers

EDUCATION

Portland Tech Academy, Portland, OR — *Software Development*

December 2015 - April 2016

Western Connecticut State University, Danbury, CT — *B.B.A Finance*

September 2005 - May 2009

Languages

JavaScript, SQL, HTML, CSS, Python, C#

Skills

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

Frameworks

Express, Vue, React, Angular, Socket io, Electron, Xamarin Webforms, JasperSoft Reports, MuleSoft

Databases

MS SQL Server, Postgres, MySql, Redis, Dynamo DB

Software

Git, Docker, Nginx, PM2, Cron