Timothy Fielder

Software Engineer

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About Me

I'm a software engineer who loves learning and supporting others in achieving their goals through technology. As a self-starter and motivated developer, I bring my unique mix of skills, talents, and interests to create an open, inclusive, positive, and productive work environment. I have a passion for investigating new technologies and sharing them with my team.

Skills and Software

Ruby / Ruby on Rails
Python / Django
C# / .NET
HTML 5 / CSS 3 / SASS / BEM / Haml
JavaScript / Typescript / React
Node.js / Stimulus.js / d3.js
Bootstrap
ActiveRecord
SQL / Postgres / Microsoft SQL Server
GraphQL
Mobile and Desktop Apps
Git / Bitbucket Version Control / Jira
Test Driven Development (TDD)
RSpec / Capybara / Mocha / Chai / Jest
API and microservices development
Docker containerization
CI / CD / Jenkins / Azure
Heroku / AWS
AWS Lambdas, S3, ECS
Sentry / DataDog monitoring

Education

Turing School of Software and Design
Certification in Backend Engineering

University of Northern Colorado
Bachelor of Arts - International Studies

University of Northern Colorado
Bachelor of Arts - Spanish

Interests

- Traveling and Languages
- Fitness
- Economics
- Machine Learning / AI
- Learning new things

Work Experience

Software Engineer — Sep 2023 - Sep 2024

Verisys Corporation

- Created, supported, and maintained Ruby on Rails web applications and RESTful API micro-services.
- Implemented JavaScript / Stimulus based front-end features.
- Managed Postgres / SQL Server database updates, migrations, stored procedures, and table triggers.
- Reduced API latency by 25%+ through caching and SQL refactoring.
- Created and maintained Azure pipelines for repository deployments.
- Integrated Sentry application monitoring.
- Implemented AWS Lambdas.
- Researched, proposed, and implemented designs for feature creation.
- Supported AWS infrastructure, monitoring, and product deployments.

Software Engineer — Mar 2023 - Sep 2023

MediaNews Group

- Application and RESTful API development on an agile team with a focus on continuous delivery.
- Implemented authorization, authentication, and access solutions.
- Integrated subscription-based third party software with Naviga/Engage, BlueConic.
- Developed application features with JavaScript / Ruby on Rails.
- Migrated account records in the millions from one database to another leveraging PostgreSQL.

Software Engineer — May 2021 - Nov 2022

American Financing Corporation

- Developed company applications, RESTful APIs, and reports with C#/ASP.NET in addition to Ruby on Rails.
- Developed front-end solutions with JavaScript, HTML/Haml, CSS/Sass, React for web applications and our company website.
- Leveraged SQL / RMDBS such as PostgreSQL Microsoft SQL Server to create and implement stored procedures and database updates.
- Contributed to the creation, design, and maintenance of an internal library and automated testing suite.
- Improved accessibility compliance and mobile compatibility of our external facing web applications.
- Created data-driven visualizations using d3.js.
- Created internal tooling to monitor over 15 separate applications.
- Provided C-level reporting metrics of revenue in the hundreds of thousands.

Software Engineer — Apr 2019 - May 2021

AlsoEngergy

- Developed front-end features with JavaScript and React.
- Developed RESTful API endpoints in C#/.NET and Node.js.
- Created and supported automated and manual end-to-end testing.
- Enhanced data visualizations in both graphical and tabular formats.
- Reduced redundant call center calls by over 30% in creating a feature to display issue tracking.
- Responsible for bug finding, researching, and eliminating.