

Daniel Herrera

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Skills & Tools

Languages: Java, Groovy, TypeScript/JavaScript, Python, Rust

UI Libraries/Frameworks: React, React-Native, Svelte

Frameworks: Spring Boot

Databases: SQL, PostgreSQL, MySQL, MongoDB

Tools: SQL Management Studio/Profiler, Git, IntelliJ

Test Driven Development: Spock, Jest

Spoken Languages: English, Spanish

Automation Tools: Testim, Test Rail

Work Experience

Unifocus - Denver, CO

Jun 2019 – Present

Full Stack Developer

- Developed and maintained an enterprise level web app using Typescript/React and Java/Spring Boot
- Refactored monolithic app to REST driven micro services using DDD best practices
- Assisted new developers in setting development environments and introducing them to the codebase
- Worked with product owners to plan, estimate, and assign tickets based on priority and time available
- Performed pull request reviews to ensure code quality
- Developed automated tests using Testim and Test Rail

Projects

FishNTrips - In development

Application to collaboratively plan fishing trips and track fishing stats

- Written using React Native with a microservice driven backend
- Up to date stream-flow using CDSS REST API
- Up to date weather data using Open Weather API

Stream Flow Telegram bot

Simple bot to fetch river stream data

- Colorado CDSS REST services and USGS Instantaneous Values Web Service
- Written in Rust

Education

University of Northern Colorado - Greeley, CO

Aug 2012 – May 2019

B.S in Physics, B.S in Software Engineering, Music Minor

- Dean's list spring 2019
- Physics research under Dr. Charles Kuehn, analyzing light curves