

# ZACHARY SAILE

## Software Engineer

Portland, OR | (720) 829-3859 | [zwsaile@gmail.com](mailto:zwsaile@gmail.com)

[linkedin.com/in/zachary-saile](https://www.linkedin.com/in/zachary-saile)

[github.com/zwsaile](https://github.com/zwsaile)

Full-stack Software Engineer specializing in C#, JavaScript, and Node.js with extensive experience developing data-driven web applications and backend services. Proven ability to design and implement scalable, client-focused solutions for major financial institutions. Skilled in optimizing performance and building robust APIs to support real-time analytics and seamless integration. Known for effective cross-functional collaboration, proactive problem-solving, and a continuous learning mindset.

## WORK EXPERIENCE

**Associate II Software Developer — S&P Global** - Boulder, CO (Remote) 08/2022 - 12/2024

- **Enhanced Modcharts JavaScript Library:** Contributed to the development and support of Modcharts, a JavaScript charting library with a Vue.js user interface. Guided client teams at financial institutions like Charles Schwab and Fidelity in integrating and customizing implementations, ensuring a consistent and user-friendly experience.
- **Optimized Backend Services with C#:** Designed and implemented backend services using C# for complex data handling and charting operations. Improved data throughput and enabled real-time analytics in client applications.
- **Developed Node.js APIs for Data Aggregation:** Created and integrated three Node.js APIs to aggregate and streamline financial and charting data from multiple data streams, delivering simplified, client-ready data endpoints for seamless integration into custom charting solutions.
- **Streamlined Logging and Error Tracking:** Led initiatives to refine logging and error tracking configurations using Filebeat and Logstash. Enhanced the error-handling pipeline and improved visibility into production issues, resulting in faster issue resolution.

**Shelter Manager — Denver Human Services** - Denver, CO 01/2020 - 01/2022

- Led a dedicated team of 12 individuals as the manager for an emergency response shelter established during the COVID-19 pandemic, providing a safe haven for individuals experiencing homelessness to isolate and receive essential medical care.
- Developed and maintained a robust tracking system for protected client data, ensuring confidentiality and compliance with privacy regulations. This system played a crucial role in streamlining operations and facilitating efficient communication with partner organizations and stakeholders and earned a Medal of Excellence from the National Guard.
- Spearheaded the creation and implementation of comprehensive safety procedures, training staff to adhere to the highest of standards of care and emergency response protocols.

## EDUCATION

**Turing School of Software and Design** 01/2022 - 08/2022

- Earned a certificate in the frontend program which focused on HTML, CSS, JavaScript, and React.
- Held a position on the Student Leadership Committee for the length of the program.

## SKILLS

**Programming Languages** - C#, JavaScript, TypeScript, Node.js, Python

**Frontend Technologies** - React, Vue, SCSS/Sass, Tailwind, D3.js, HTML Canvas

**Backend & Database** - .NET, RESTful APIs, Redis, SQL

**DevOps & Tools** - Git/GitHub, Filebeat, Logstash, Jenkins, Elastic, Docker, CI/CD

**Testing & Quality Assurance** - Cypress, Jest, NUnit, Mocha