



Software Engineer

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SKILLS AND TECHNOLOGIES

Languages: JavaScript (ES6+), HTML, CSS, SQL, Shell Script
Libraries and Frameworks: React, Redux, Highcharts, Node.js, Svelte, Chart.js, Jest
Tools: Git, Webpack, Docker, AWS, Postman

EXPERIENCE

WiseLayer

Software Engineer

May 2022 – Present

Venture-funded NYC start-up pioneering an AI-driven early warning platform that safeguards businesses from unforeseen financial risks while optimizing operational efficiency.
[WiseLayer.com](https://www.wiselayer.com)

Harnessed **React**, **Redux Toolkit**, **Material-UI**, **Keycloak**, **Highcharts**, and **REST APIs** to deliver a progressive user experience for an analytics platform offering smart notifications and dashboards built over live data processed from common-use ERP systems.

Architected a low-code developer portal allowing sellers on the platform to rapidly prototype and iterate product enhancements, reducing completion of client requests from days to a few hours.

Seamlessly implemented third-party data integration SDKs enabling one-click ELT for clients with annual savings of \$500k via the platform's fully managed analytics pipeline.

Automated platform registration and login paths through bespoke Keycloak templates to facilitate a consistent brand experience while increasing user onboarding by 400%.

Collaborated closely with stakeholders and the backend team to co-design efficient RESTful APIs, a pivotal effort that enabled a swift Time To Market of just 4 months.

Employed Git and Bitbucket Pipelines to streamline development processes, ensuring seamless integration testing and accelerated feature releases, bolstering productivity and application reliability.

Spearheaded cross-departmental CSS tutoring, empowering the marketing team to autonomously update and maintain the marketing site, preserving numerous developer hours and fostering agile responses to marketing needs.

OPEN SOURCE

Mist

Software Engineer

2022

Tech-accelerator backed open source APM tool enabling serverless function developers to test and iterate their pre-deployment Cloudflare workers.
[Github.com](https://github.com)

Leveraged **Svelte**, **Chart.js**, **Node/Express**, **Miniflare**, and **PostgreSQL** to build a reactive, lightweight SPA for an application performance monitoring tool designed to provide tangible analytics for unpublished, locally hosted CloudFlare workers (a.k.a, serverless functions).

Implemented a modular library of charting components to dynamically generate visual analysis for key performance metrics, enabling developers to quickly identify and mitigate computing bottlenecks in their serverless functions.

Constructed a Node server to efficiently monitor and store OpenTelemetry-gathered tracing data from requests made to a localized, simulated cloud environment, providing developers precision timing data and actionable insights to optimize serverless function performance.

Leveraged PostgreSQL to meticulously capture and archive transactional history, granting users a comprehensive view of performance trends while allowing them to benchmark and visualize improvements over time.

EDUCATION

Codesmith

Advanced Software Residency Program

United States Army Armor School

Armor Crewman - 19K

ARTICLES/TALKS

What is Mist?

[Medium.com](https://medium.com)

The what, why, and how of Mist

SASS: Spicy CSS

[Linkedin.com](https://www.linkedin.com)

Structure, style, and implementation

INTERESTS

Weightlifting - I don't skip leg day

Aku - That's my dog's name

Judo - Throw me

Miniatures - Building and painting

Coffee - Cold, please