Emily Kauffman

Motivated Senior Software Engineer with a passion for frontend technologies.

Pittsburgh, PA
(717) 513-3325
kauffmanes@gmail.com
emilykauffman.com

EXPERIENCE

PlexTrac, Boise, ID — *Senior Full-Stack Software Engineer II*

MAY 2023 - PRESENT

- Led feature development initiatives directly contributing to a 10% increase in Net Promoter Score (NPS).
- Authored a technical design plan to reduce tech debt, including package upgrades, library consolidation, performance improvements, and component organization, as well as metrics to assess progress.
- Collaborated with UX/UI designers to translate Figma designs into code and set up Storybook to showcase existing components, leading to the deduplication of React components across the project.
- Spearheaded technical groups to establish company-wide engineering principles and address issues within the codebase.
- Advocated for more iterative development and testing practices, leading to an increase in test coverage and smaller PRs.

Argosy, Pittsburgh, PA — *Founder and Software Engineer*

SEPTEMBER 2022 - PRESENT

- Established the micro web-agency as a partner LLC with the goal of building e-commerce sites for small businesses
- Developed a 4-phase design process for software development that allowed small businesses to grow alongside their websites
- Drove product development from concept to launch, ensuring alignment with customer needs.

Harvie, Pittsburgh, PA — *Lead Software Engineer, Frontend*

JUNE 2020 - MAY 2023

- Led the frontend development for an e-commerce grocery store, refactoring the existing PHP application to use React and TypeScript
- Built an internal React component library enabling reuse across various product areas.
- Led a six-month initiative for performance improvements across the member-facing site and presented findings as a speaker at the inaugural Remix Conference in 2022.

SKILLS

HTML | CSS | JavaScript

TypeScript | Node

React | Remix

UX/UI Design | Wireframing

Frontend Tooling & Architecture

Web Performance

Python

AWS

EDUCATION

Udacity - Nanodegree AI Programming with Python
Completed in 2024

University of Pittsburgh - M.S. Information Science
2017-2019

Washington & Jefferson College - B.A. Computing & Information Studies
2010-2014

POPULAR ARTICLES

Remixing a Symfony Harvie's journey with performance

Installing Anaconda on WSL

Creating RoboMaker Resources using the CLI.

Washington & Jefferson College, Washington, PA — *Adjunct Professor*

JANUARY 2020 - MAY 2021

- Taught web design and development courses, providing instruction to up to twenty undergraduate students per class.

Discovery Robotics, Pittsburgh, PA — *Software Engineer*

MAY 2018 - JUNE 2020

- Designed and developed the user-facing application running on the FX250 robot using a full stack JavaScript environment, including React and Node.
- Interfaced with the hardware using ROS and WebSockets.
- Built real-time visualizations of point cloud and mapping data on the robot.
- Managed cloud services and developed communication protocols between the fleet and the cloud using AWS IoT and RoboMaker.
- Designed and maintained the SQLite database for the user-facing application on the robot.

HM Health Solutions, Pittsburgh, PA — *Application Developer*

JUNE 2015 - JUNE 2017

- Used Angular.js and JavaScript to develop the Highmark Find a Doctor application
- Collaborated with stakeholders regarding project capabilities and limitations to deliver optimal functionality.

PHT Corp, Boston, MA — *Software Engineer II*

JUNE 2014 - JUNE 2015

- Web application design and development for one of the industry's leaders in clinical electronic data management.

4 Phase Design Process to get new clients on the roadmap