

# CAROLINE FAIRHURST

## SOFTWARE DEVELOPER



[fairhurst.dev](https://fairhurst.dev)



[cfairhurst@protonmail.com](mailto:cfairhurst@protonmail.com)



848-480-5258

## SKILLS

- Javascript/Node.js
- Python
- Generative AI
- Amazon Web Services
- React
- Agile methodology
- Requirements engineering
- Canvas LMS
- Event-driven architecture

## EDUCATION

September, 2017 – May, 2021

**B.S. COMPUTER SCIENCE**

**MINOR POLITICAL SCIENCE**

Stockton University

- Summa Cum Laude
- Alpha Phi Omega Service Fraternity
- Honors Student

## ACHIEVEMENTS

- Spearheading Artificial Intelligence integration for Innovation Team
- Completed AWS Cloud Practitioner Essentials
- Selected as 1 of 3 Subject Matter Experts to design and write Inclusive Learning Environment Training

## SUMMARY

Software Developer with 3 years of experience designing, engineering, and debugging frontend and backend applications. Collaborated directly with the VP of Technology to migrate from a monolithic repository to a serverless microsystem backend, resulting in a 99% decrease in data latency and a 30% decrease in regressions. Currently building Artificial Intelligence services to eliminate repetitive tasks and empower admins to chat directly with business data.

## EXPERIENCE

March, 2023 – Present

### SOFTWARE DEVELOPER – CLOUD

Kaplan University Partners and Innovation Team

- Spearheaded cross-team Artificial Intelligent initiatives, such as automating video transcription, resulting in 30 hours saved per production project.
- Building RAG chatbots, allowing admins to chat with business data directly.
- Automated Canvas LMS user management, course creation, and analytics, eliminating the need for a part-time role.

November, 2021 – March, 2023

### ASSOCIATE SOFTWARE DEVELOPER – CLOUD

Kaplan University Partners and Innovation Team

- 1 of 2 engineers to migrate system from a monorepo to microservice event-driven AWS architecture, decreasing data latency by 99% and decreasing regressions by 30%.
- Handled hundreds of support tickets with an average time to response of 4 hours.
- Contributed to an admin React dashboard, which centralized admissions, discounting, and user lookup.

March, 2021 – November, 2021

### ASSOCIATE E-LEARNING DEVELOPER

Kaplan University Partners and Innovation Team

March, 2018 – March, 2021

### PRE-COLLEGE INSTRUCTOR – SAT, ACT

Kaplan Test Prep