Stephanie L. Cunnane

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Experience

2021 – present   **Co-creator, Software Engineer,** *Monsoon*
- Researched, designed, prototyped and implemented Monsoon ⎘ , an open-source, serverless framework for running browser-based load tests in the cloud
- Designed and built AWS infrastructure to generate loads of up to 20,000 virtual users
- Built an ETL pipeline capable of processing 100s of millions of data points per hour
- Resolved complex timing and concurrency issues in the pipeline
- Automated infrastructure deployment using AWS's Cloud Development Kit
- Built a CLI using Heroku's Open CLI Framework and published it as an npm package ⎘
- Built a locally-hosted React dashboard to display near real time load test results
- Closely collaborated with a remote team of 4 engineers (daily standups and pair programming)
- Gave a live tech talk about Monsoon, viewable here ⎘
- Authored Monsoon's comprehensive technical case study ⎘

2018 – 2021   **Full-Stack Web Developer,** *Self-employed*

- Built a Request Bin clone (Express, MongoDB, Webhooks, Tailwind), an Airline Routes app (Node, React), an eBook reader (Ruby, Sinatra, ERB) and a Todos app (vanilla JS, Handlebars)
- Currently #170 on the Codewars global leaderboard - top 0.047%

2007 – 2016   **Corporate Finance Paralegal**

Skills

Languages and Frameworks	**Cloud**	**Other Technologies**
JavaScript, TypeScript, Node, Express, React, Ruby, Sinatra, Golang	AWS (Lambda, S3, Fargate, ECS, ECR, VPC, Timestream, EventBridge, CloudWatch, SDK, CDK), Heroku, Digital Ocean	PostgreSQL, MySQL, MongoDB, Linux, HTTP, OOP, REST APIs, Insomnia, Git/GitHub, Docker, Load testing, HTML/CSS

Education

2003 – 2007   **Yale University,** *BA with honors (Music); 3.5 GPA*
Recipient of the Joseph Leader Memorial Scholarship

2018 – 2021   **Launch School Capstone Program**
Multi-year, full-stack software engineering curriculum emphasizing mastery of core skills and programming fundamentals

2002
Ashland, VA   **Patrick Henry High School**
Valedictorian (class of ~400 students)

Other

Published an extensive Medium article entitled High-Quality Thinking for Software Engineers ⎘