

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 [🔗](#)
 - Co-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 (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, Frameworks and Technologies

JavaScript, TypeScript, Node, Express, React, Ruby, Sinatra, PostgreSQL, MySQL, MongoDB, Golang, Linux, HTTP, OOP, REST APIs, Insomnia, Git/GitHub, Docker, Load testing, HTML/CSS

Cloud

AWS (Lambda, S3, Fargate, ECS, ECR, VPC, Timestream, EventBridge, CloudWatch, SDK, CDK), Heroku, Digital Ocean

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

Other

Published an extensive Medium article entitled High-Quality Thinking for Software Engineers [🔗](#)
Completed the LA Marathon 5 times