

Stephanie L. Cunnane

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Experience

- 03/2022 – present **Fullstack Software Engineer (Firefox Desktop), Mozilla Corporation**
- Member of the Search and New Tab team (Address Bar)
- 2021 – 2022 **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 [🔗](#)
 - 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**
- Currently #170 on the Codewars global leaderboard - top 0.047%
- 2007 – 2016 **Corporate Finance Paralegal**

Skills

Languages and Frameworks

JavaScript, TypeScript, Node, Express, React, Ruby, Sinatra, Golang

Cloud

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

Other Technologies

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 **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