

Whitney Mulhern

SENIOR SOFTWARE ENGINEER

Bug hunter, feature creator, code whisperer

EXPERIENCE

Bloomberg

New York, NY

2022-present

Senior Software Engineer - Trading Platform

- Develop full stack features for Bloomberg Terminal for the company's 5 largest clients
- Lead team of 15+ to migrate and optimize legacy Fortran code to modern C++ for Linux environments, enhancing performance and maintainability
- Provide expert technical support to the product team during client visits
- Advocated for and led efforts for large code cleanup reducing dead code by 59%

Qwake Technologies

New York, NY

2021-2022

Independent Contractor - Software Engineering / AWS Solutions

- Led development of AWS based communication feature set from concept to MVP
- Collaborated directly with CTO to design system architecture
- Managed external dev shops to initiate development and AWS infrastructure setup
- Assumed sole responsibility for AWS architecture and API development resulting in successful field testing

IBM

New York, NY

2018-2021

Frontend Software Engineer

- Developed new features of internal tool with a small team using ReactJS and Python
- Debugged and improved usability, efficiency, and correctness of 200K+ line codebase

Security Engineer - Watson Cloud Platform

2017-2018

- Corrected 100s of database errors per day with a JavaScript agent (~100 LOC)
- Improved security awareness by curating a training course of best security practices

EDUCATION

B.S. Computer Science, New York University

2017

B.S. Computer Engineering, New York University

2017

CERTIFICATIONS

AWS Cloud Practitioner Certification

2021

PUBLICATION

"Scalable and private media consumption with Popcorn" NSDI'16.

2016

Gupta, T.; Crooks, N.; **Mulhern, W.**; Setty, S.; Alvisi, L.; and Walfish, M.

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Recognition

2016

Influenster Code Like A Girl Scholarship

Skills

Python	★★★★
C++	★★★★
JavaScript	★★★★
SQL	★★★★
Git	★★★★
Linux	★★★★
React	★★★★
NextJS	★★★★
AWS	★★★★
REST APIs	★★★★
Agile	★★★★
Serverless Architecture	★★★★
Node.js	★★
System Design	★★
noSQL	★★
C	★★
TypeScript	★★
Express	★★
Jest	★★
Puppeteer	★★

Fun Facts

I lit the Empire State Building
I have the cutest dog in the world
I've been dancing since I was 3