

# ELARA DONOVAN

## Junior Software Engineer

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📍 Cambridge, MA

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## WORK EXPERIENCE

### Software Tester

#### IBM

📅 2022 - current

📍 Cambridge, MA

- Used Git for version control, ensuring traceability of code changes and collaboration with development teams.
- Developed and maintained automated test scripts in Java using Selenium, reducing regression testing time by 17%.
- Implemented continuous integration (CI) pipelines with Jenkins to automate test execution, increasing test reliability and speed.
- Identified and reported critical defects early in the development process, saving 13 man-hours of development time.

### Systems Administrator Intern

#### HubSpot

📅 2020 - 2021

📍 Cambridge, MA

- Assisted in the migration of on-premises servers to AWS, resulting in a cost reduction of \$11,234 and improved scalability.
- Conducted system performance analysis, identifying and resolving bottlenecks that improved server response time by 16%.
- Automated routine tasks using Bash and PowerShell scripts, reducing manual workload by 28%.
- Managed Active Directory accounts and permissions, ensuring secure access for 100+ users.

## PROJECTS

### WebTech Evolve

#### Presenter

📅 2019

- Discussed the advantages of Angular in terms of development speed and code maintainability.
- Highlighted React's cost-saving potential through its component-based architecture.
- Demonstrated Vue.js's impact on web performance and its role in optimizing user experiences.
- Explored the benefits of MySQL for managing structured data in web applications.

## CAREER OBJECTIVE

Driven and highly motivated junior software engineer with a strong foundation in programming languages and a passion for solving complex problems through innovative software solutions. Eager to leverage my technical skills and adaptability to support Draper's mission of pushing the boundaries of technology.

## EDUCATION

Bachelor of Science

Computer Science

**Massachusetts Institute of Technology**

📅 2018 - 2022

📍 Cambridge, MA

## SKILLS

- Agile
- Java
- Git
- AWS
- Docker
- Jenkins
- MySQL