






# OLIVIA MILLER

## JAVA BACKEND DEVELOPER

### CONTACT

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### EDUCATION

Bachelor of Science  
Computer Science  
Carnegie Mellon  
University  
2010 - 2014  
Pittsburgh, PA

### SKILLS

Java  
Spring Boot  
MySQL  
Git  
Apache Maven  
IntelliJ IDEA  
JUnit  
Docker  
Jenkins  
Swagger

### CERTIFICATIONS

Oracle Certified  
Professional: Java SE 11  
Developer

### WORK EXPERIENCE

#### Backend Developer

Vanguard

2020 - current / Malvern, PA

- Developed scalable backend systems with Java, resulting in a **32% improvement in application performance**.
- Implemented Swagger for API testing, which reduced integration time by 29% for external teams.
- Collaborated with cross-functional teams to implement RESTful APIs and ensure seamless frontend system integration.
- Employed design patterns to enhance code quality, reducing post-production issues by 46%.

#### Application Developer

SAP

2017 - 2020 / Newtown Square, PA

- Launched new features for SAP's mobile app using Java, which grew user engagement by 44%.
- Automated builds with Apache Maven, enabling 38% faster software releases.
- Leveraged Docker for containerization, which reduced deployment time by 32% while improving the app's scalability.
- Ensured the delivery of high-quality code by **using IntelliJ IDEA for 51% more efficient debugging**.

#### Systems Analyst

Highmark Health

2014 - 2017 / Pittsburgh, PA

- Managed database in MySQL to optimize queries, reducing response time by 33% for critical data operations.
- Analyzed system requirements to ensure alignment with business objectives and improve development processes.
- Collaborated with stakeholders to prioritize system enhancements, **boosting business process efficiency by 27%**.
- Designed comprehensive JUnit test suites, which helped deliver high-quality software with minimal defects.