Jay Damon

Software Engineer

Software Engineer with over 7 years of development experience focusing on designing and building scalable microservices deployed to the cloud. Experienced in leading projects, ensuring on-time delivery with high quality.

WORK EXPERIENCE

Software Development Engineer II
June 2022 – January 2023
Amazon, Boston, MA

- Diagnosed key bug requiring manual intervention which reduced the operation load of the team by over 10% by adding automatic retries with AWS SQS and implementing a DLQ
- Collaborated with customers to design a feature enabling the bulk download of up to 10,000 documents in a single zip file using AWS Lambda, EC2, S3, and API Gateway
- Improved developer documentation for client onboarding resulting in a reduced onboarding time
- Mentored 2 junior developers on the team, improved new hire onboarding documentation, and wrote on-call triage process
- Led Q4 peak war room meeting of combined 3 team group reducing high severity issues compared to the previous year

Senior Software Engineer
August 2018 – June 2022
Athenium Analytics, Dover, NH

- Designed engine capable of processing user-created rule sets to validate questionnaire results in less than 5000 milliseconds
- Spearheaded team of 7 to improve performance of public-facing API resulting in a 50% request per second improvement
- Implemented internal authentication and authorization framework for microservice security with Spring Security provided support for multitenancy and user-customized data security rules
- Led backend development of greenfield microservice application using Java with Spring Boot, PostgreSQL, and AWS to replace legacy platform used by more than 100 business customers
- Implemented IAC platform Terraform to replace manual provisioning and management of AWS resources reducing environment consistency issues to 0

LPW Specialist
March 2015 – August 2018
Lindt & Sprungli, Stratham, NH

- Designed and developed a Safety Reporting system in collaboration with the Environment, Health, and Safety team using Python and SQL Server, simplifying accident reporting and leading to an increased reporting of 20%
- Created an automated dashboard for the management team using Python, VBA, and Excel to provide real-time insights on manufacturing performance on over 200 data points
- Built ETL application with Java to consolidate data from data sources including SQL Databases, Excel, Word, and CSV into a single database saving 12 hours per week of manual reporting work

CONTACT

- Portsmouth, NH (Open to Relocation)
- Jay.N.Damon@gmail.com
- linkedin.com/in/jay-damon
- github.com/JayDamon
- jaydamon.com

SKILLS

Technical Skills:
- Software Design and Architecture
- Amazon Web Services (AWS)
- Agile
- Testing and Debugging
- Test Driven Development

Industry Knowledge:
- Requirement Analysis
- Object-Oriented Programming (OOP)

Tools and Software:
- Java (Spring Boot, Spring Cloud, Hibernate)
- SQL (MySQL, PostgreSQL)
- AWS (ECS, EC2, RDS, SQS, SNS, S3, SES, Lambda, API Gateway, AppConfig)
- Docker, Kubernetes
- Jenkins, CircleCI, Terraform, AWS CDK
- Git
- Unit Testing/TDD (JUnit, Mockito, Hamcrest)

EDUCATION

University of Maine
Bachelor of Arts
Major in Political Science
Minor in History
Orono, ME — May 2010