

Dillan Gajarawala

EXPERIENCE

Software Development Engineer II, AWS App2Container | Amazon Web Services Inc.

Santa Clara, CA | August 2021 - Present

- Led the design, development, and deployment of a novel cloud-based service written in Go/Java/TypeScript to containerize legacy enterprise applications, using multiple AWS services and security/API best practices.
- Root caused and fixed customer-impacting and operationally painful bugs across multiple container modernization products and services, unblocking customers and reducing the team's ticket backlog by more than 10 high-severity tickets per week.
- Drove multiple software architecture upgrades across both frontend APIs and backend workflows to reduce customer-facing API latency and increase the overall reliability of our containerization service.
- Conducted cost cutting of team-wide infrastructure spend both through continuous usage auditing and new systems to clean up orphaned test resources, collectively saving the team over \$100K per year.
- Mentored both an intern and junior full-time engineers on operational and system design best practices, good code structure, and document writing skills.

Software Development Consultant | Adagio Health

Remote - Pittsburgh, PA | February 2020 - August 2020

- Created a new health management information system for Adagio's cancer screening program, utilizing .NET Core and Microsoft SQL Server.
- Developed custom tools in Python to migrate sensitive customer information between the old and new system databases.
- Fostered technical capacity within Adagio Health's IT department to manage the new system by providing training and development/operational documentation.

Software Development Engineer Intern, AWS App2Container | Amazon Web Services Inc.

Remote - Palo Alto, CA | June 2020 - August 2020

- Built support for AWS Firelens usage within the AWS App2Container CLI tool, which enabled enterprise customers to maintain flexible application logging for Linux applications modernized to AWS container services.
- Researched and created a proof of concept to enable flexible application logging for Windows applications modernized to containers.
- Learned Golang, container technologies, and how to use multiple AWS services within a rapidly innovating team.

EDUCATION

B.S. Information Systems | Carnegie Mellon University

Pittsburgh, PA | August 2017 - May 2021 | GPA: 3.82

Relevant Coursework: Web Application Design and Development, Database Design and Development, Data Science, Data Structures and Algorithms, Information Assurance

SKILLS

Programming: Golang, Java, Python, TypeScript

Containerization: Docker, Kubernetes, Amazon ECR

AWS: S3, EC2, Lambda, CloudWatch, IAM, CloudFormation

DevOps: Git, CI/CD, Linux

AWARDS

University Honors, Carnegie Mellon University

Eagle Scout, Boy Scouts of America