Lance Newman

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Skills

- AWS, especially AWS CDK (3 years)
- Ruby on Rails (3 years)
- Java (3 years)
- Typescript (3 years)
- React (1 year)
- Python (1 year)

Work History

Software Engineer II, Amazon (2022-Present)

- Contributed to One Medical's proprietary electronic health record (EHR) system to improve the provider experience for preventative care, population health, and practice management.
- Implemented an internal access controls system for >3000 employees to protect patient health information from accidental exposure.
- Responsible for the design and implementation of prescription ordering services that integrated third party pharmaceutical manufacturers with Amazon Pharmacy.
- Implemented a system to track customer reimbursements in Amazon's accounting network for the launch of brand-name medication coupons.
- Built an API that processes >10k prescription orders per day from pharmaceutical manufacturers.

Software Engineer, IBM (2018-2022)

- Implemented an application observability agent for IBM Z/OS that integrated with application performance management solutions provided by AppDynamics and IBM Instana.
- Improved transaction observability processing throughput by nearly 230% by converting a monolithic, single-platform application into a set of scalable microservices deployed in Kubernetes and OpenShift.
- Facilitated quarterly planning events for 150+ engineers, designers, and product managers as our organization's SAFe Release Train Engineer.
- Enabled adoption of the OpenTelemetry standard for application observability on IBM Z.

Education

Computer Science, BSc
Florida State University 2018

Geology, BSc
Florida State University 2016