

PRASANNA PRAKASH

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EDUCATION

**DREXEL
UNIVERSITY**
Philadelphia, PA
2014 - 2018

Bachelor of Science in Computer Science, Minor in Finance

Cumulative GPA: 3.82, Minor CGPA: 4.00

Graduation: June 2018

HONORS AND AWARDS

- Dean's List, Drexel University

Fall 2014 – Spring 2018

SKILLS

LANGUAGES

Java, C#, C++, C, Python, Rust, HTML/CSS, JavaScript, Typescript

FRAMEWORKS

AWS, Unix/Linux, React, CDK, Terraform, JUnit, TestNG, Gradle, Maven, Ant, Git, Numpy, Scipy, Matplotlib

WORK EXPERIENCE

AMAZON WEB SERVICES

Seattle, WA

December 2021 -
Present

Software Development Engineer II

API Gateway

- Led cellularizing the Invoke path fleet to ensure high availability and reduce risks of noisy neighbor and scaling problems.
- Helped implementing a new Availability Zone weigh away mechanism to reduce customer impact when an AWS AZ goes down.
- Fixed open security vulnerabilities within REST, HTTP and WebSocket APIs

AMAZON LLC.

Seattle, WA

August 2018 –
November 2021

Software Development Engineer

Alexa

- Launched third-party Alexa skill building for developers in Spanish (es-US) and Hindi (hi-IN) languages
- Deployed a ML workflow to automate the Alexa skill build, release, evaluation and A/B testing
- Created a centralized workflow management service to standardize permissions, sharing, SLAs and contracts across different Alexa teams

AMAZON WEB SERVICES

Seattle, WA

September 2016 –
March 2017

SDE Intern

AWS Kumo

- Deployed new Service Limit checks to TrustedAdvisor service for downstream AWS services like CloudFormation, IAM, EC2, RDS, Kinesis
- Added a real-time data feed ingestion activity to provide the manifest backlog for EC2 windows and PV driver checks

ACTIVITIES

- Undergraduate Teaching Assistant, Drexel CCI

March, 2016 – August, 2016