RA

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SCHEDULE INTERVIEW | **LINKEDIN** | **RESUME RECEIVED**

SUMMARY

Customer-centric and goal-oriented SDM/SDE with 8+ years experience and a focus on developing and delivering cost-effective, low-latency, high-performance, distributed software/security systems that drives customer growth, trust and adoption. Focused owner and driven collaborator skilled in hiring, talent retention, growth and mentoring employees. Technical expert in cloud security, compliance, cybersecurity, audit, mobile app development.

SKILLS

- RESTful API
- Training & Development
- Programming Languages: Java, Python, Typescript
- AWS Cloud Development

- Linux Environments
- Frameworks: Android/Linux/React/Angular/Vue
- Agile/Scrum Methodology
- CI/CD Automation

EXPERIENCE

Software Development Manager / Amazon Web Services Inc. - San Francisco, CA   *06/2022 - Current*

- Currently leading 5 compliance automation programs, with a team of 3 engineers, 1 intern and 1 TPM, within **Amazon Web Services** (AWS) building a large scale enterprise compliance automation product (highly confidential), potentially disrupting a multi-billion dollar cybersecurity industry.
- Designed, developed and delivered cost-effective, highly available (99.999%) audit evidence generation services automating SoC, FedRAMP, HIPPA and GDPR, reduced customer (other AWS builders) burden saving 98,000 audit hours, reduced average e2e audit completion time from 16weeks/audit to 7.5weeks, scaled the number of audits developed per year from 181 in 2021 to 233 in 2022.
- Actively involved and lead product (1/week), technical architecture (daily), strategic and executive leadership planning decisions (2/week) for the group, including customer and partner engagements that fuel product adoption from scratch to 13 compliance programs, 110 customer businesses, 24 geographic regions and help build long term strategy for the service.

Software Development Engineer / Amazon Web Services Inc - San Francisco, CA   *04/2017 - 01/2023*

- Designed, developed and deployed Security Controls Orchestration (SCO) framework that supports 13 security programs and 400+ controls and caught security issues (10K+ pre-prod & 2K+ prod)
- End-to-end ownership of Cloud Security Training Monitoring Program for 768K+ Amazon employees from 2018-2023+ resulting in 90.8% training completion and 100% audit score every year
- Developed a low-latency (2.5ms), cost-effective, pluggable security control system that supported 60+ different security engineers to author de-duplicated custom controls saving 12-14hrs/month/eng.
- Designed and delivered AWS Amplify, a pluggable web and mobile app development framework for Android and React Native platforms, launched in 2019, increased adoption from 20+ beta customers to 6K+ customers in
- Worked as a Security Bar Raiser, Oncall lead, Deployment Bar Raiser, AppSec Guardian and enforced engineering best practices across the Mobile and Cloud Security organizations (230+ engineers)

SDE Intern / Amazon - Seattle, WA   *06/2016 - 09/2016*

- Designed, developed and delivered an internal Amazon Order Failure Debugging Tool for Amazon Retail Delivery Experience team (30+ eng), successfully debugged 65/67 order failures in 2016-17 with 3-7s/order

Member of Technical Staff / Netapp Inc. - Bengaluru, India   *01/2013 - 08/2015*

- Created TestCenter, a shift-left integration testing framework designed to catch systemic issues, kernel faults, device driver failures for SnapMirror, SnapVault products of NetApp, successfully detecting 43 bugs in 6months from launch.
- Owned 7toC transition tool that helped cloud customers of NetApp to migrate their workloads and data efficiently (zero manual intervention) from old to new versions of NetApp hardware/software/OS.
- Owned SMF framework to support C++ user layer in Data ONTAP Kernel for writing simple, complete and pluggable modules for storage administration, failover and multi-tenancy.

EDUCATION AND TRAINING

Master of Science: Computer Science   *03/2017*
University of California, San Diego - San Diego, CA

- 3.83 GPA
- LGBTQIA2S+ Board Member, 2016
- Low-latency video processing using AWS, NSDI'16, Thesis

ACTIVITIES AND HONORS

- Board Council Member, SF LGBTQ+ District
- Assistant Executive Director, Glamazon, Amazon
- Yoga/Meditation Teacher

WEBSITES, PORTFOLIOS, PROFILES

- https://www.linkedin.com/in/ruby-rose/
- https://github.com/rubyrose-aws