

Duc T. Ha, Ph.D, CISSP

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PROFESSIONAL SKILLS

- **Technologies and Platforms:**

- AWS, Azure and GCP: EC2, S3, ECS, SNS, SQS, CloudFormation, Redshift, CloudWatch, DynamoDB, RDS, QuickSight, Lambda, Cloud Storage, BigQuery, Functions.
- Extensive experience in data integrations with various platforms/products: AWS, Azure, GCP, Salesforce, ServiceNow, DataDog, PaloAlto Networks, Box, Dropbox, etc.
- Experienced with distributed systems and frameworks: ZooKeeper, Hadoop, Spark, Kafka, Spring (Core, JPA, Security), React.
- Experienced with various DevOps and Observability Tools: Maven, Gradle, Git, Jenkins, TravisCI, Argo CD, Argo Workflow, Kubernetes, Docker, Helm, Prometheus, Grafana, Terraform, Chef, Puppet.
- Experienced leading multi-disciplinary teams with proven track on delivering a wide array of software products.

- **Programming Languages:**

- Proficiency in Java, Python, GoLang, Groovy. Also worked with Javascript, Awk, Perl, Powershell and Unix shell scripting languages (bash,-csh, korn).

PROFESSIONAL EXPERIENCE

Technical Consultant

2023 – present

Stealth mode company

Covina, CA

Lead a backend and frontend team to develop microservice SaaS and internal apps in AWS. These apps collect sales metrics, alert and forecast stock inventory for online merchants. Currently serving over a thousand stores with over a million stock variants.

Leading an initiative to convert monolithic apps to microservice architecture.

Designed and implemented the CI/CD infrastructure for engineering team (with Jenkins, Terraform on ECS) to increase development velocity.

Senior Staff, Cloud SIEM Business Unit

2022 – 2023

Sumo Logic Inc.

Austin, Texas

(Sumo Logic Inc. is a pioneer in Log Management and Analytics, with a hyper-scale distributed platform that handles hundreds of petabytes daily. Acquired by Francisco Partners in 2023 for \$1.7B)

- Tech Lead for Sumo Logic's security cloud-to-cloud integration team, executed team's annual and quarterly planning, mentored junior members.
- Built cloud-to-cloud integrations to collect security data into Sumo platform. Extended Sumo Logic's security automation integration with PaloAlto Networks XSOAR to meet customer urgent demand, saving a churning partner and customer (SailPoint) contract worth a quarter million.
- Built a CI/CD pipeline compatible with FedRamp requirements for GoLang integration containers.
- Designed and implemented a monitoring system for these integration agents across all Sumo cloud deployments. Data and metrics are then used for both business and operational use cases.

Senior Manager, Cloud Analytics BU
Sumo Logic Inc.

2016 – 2022
Redwood City, CA

- Founded Application and Integration team to build integrations and analytics apps for Sumo Logic platform. Grew the team to 7 members across several geographical locations and completed close to 200 integrations/apps.
- Mentored and guided team to work with PM to define, design and develop Observability solutions with logs, metrics and tracing for AWS, Kubernetes and DevOps.
- Architected and built a distributed data pipeline and warehouse to collect and analyze data on Sumo Logic customers' adoption of emerging technologies.
- Architected and built a microservice Demo infrastructure for Sumo Logic's internal and partner demo environments. Evolved the infrastructure from simple servers to full CI/CD flow on top of Kubernetes clusters with over a thousand Java and Python agents powering 4 production demo environments. Also set up metric and log collection, and defined playbooks for monitoring and troubleshooting.

Solutions Architect
Sumo Logic Inc.

2012 – 2016
Redwood City, CA

- Joined Sumo Logic as an early member of Solutions team to develop analytic content packages on top of Sumo Logic platform. These packages provide insights into operational and security aspects of various enterprise applications/systems such as OSes (Linux, Windows), Web Servers (Nginx, Apache, IIS), Databases, Firewalls.
Technologies: Java, Powershell, various vendor-specific SDKs (e.g for VMWare, Windows Active Directory, Box, Salesforce).
- Designed and developed Sumo Logic's application security suite, served as go-to person to work with customers on security use cases.
- Developed LogGen, a versatile Java log emulator that powers Sumo Labs and partners demo environment.

Software Developer V, Sr. Security Solutions Engineer, CISSP(#377970, expired 2020)

2009 – 2012

Hewlett Packard Software, and ArcSight Inc.

Cupertino, CA

(ArcSight is a market leader in Security Information and Event Management (SIEM) space, acquired by Hewlett Packard (HP) in 2010 for \$1.5B)

- Developed, created solutions that address security scenarios; regulatory compliance; and business intelligence needs for companies and organizations across all market segments.
- In charge of all ArcSight compliance packages (PCI, FISMA and SOX), as well as special solutions for strategic partners (Cisco, Tipping Point). Speaker at ArcSight's annual conferences on novel security approaches with ArcSight's SIEM platform.

EDUCATION

UC Berkeley, HaaS Executive Education Program

Berkeley, California

Introduction to Product Management

Feb 2019

University at Buffalo, New York

Buffalo, New York

Ph.D. in Computer Science and Engineering

Sep 2009

Hanoi University of Technology

Hanoi, Vietnam

B.Eng in Electronics and Telecommunications

June 2002