THOMAS **MONCK**

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I want to leverage my curiosity and talent for figuring things out to help develop robust and well-written software as both a software developer and test engineer.

EXPERIENCE

APRIL 2024 – PRESENT
SR SOFTWARE ENGINEER, BANDWIDTH

- Rebuilding our user management service completely in AWS, written in Go, and removing it from existing monolith service.
- Implementing high-profile project to support MFA for Bandwidth's global customer portal.
- Migrating LDAP service from legacy Red Hat OpenShift Container Platform 3 and from CentOS to AlmaLinux.
- Collaborate with security teams to ensure IAM solutions complied with industry regulations and internal security policies.
- Collaborate with application teams to integrate IAM functionalities, providing guidance on best practices and security measures.
- Participate in the evaluation and selection of IAM tools and technologies to meet evolving business requirements.
- Conduct code reviews and security assessments to identify vulnerabilities and implement necessary fixes.
- Collaborate with product managers to define user stories and prioritize IAM features based on business needs.
- Actively contribute to the knowledge base by documenting IAM solutions, best practices, and troubleshooting guides.

OCT 2022 – APRIL 2024
SOFTWARE DEVELOPMENT MANAGER, BANDWIDTH

- Led a team of software developers, fostering a culture of innovation, collaboration, and continuous improvement.
- Led development team to GA completion of SAML SSO for Bandwidth's global customer portal.
- Oversaw the end-to-end software development lifecycle, from requirements gathering to deployment and maintenance.
- Worked closely with product managers to define project scope, objectives, and deliverables, ensuring alignment with business goals.
- Implemented Agile methodologies to improve project visibility, optimize work processes, and enhance team productivity.
- Collaborated with cross-functional teams to prioritize features, resolve technical challenges, and ensure successful project outcomes.
- Conducted regular code reviews to maintain code quality, consistency, and security across projects.
- Identified bottlenecks and optimized workflows to streamline development

processes, resulting in reduced project timelines.
- Mentored and coached team members, providing technical guidance and facilitating their professional growth.
- Monitored project budgets and resource utilization, making data-driven decisions to enhance cost-effectiveness.
- Developed and maintained strong relationships with clients and stakeholders, ensuring their requirements were understood and addressed effectively.

APRIL 2022 – OCT 2022
SR SOFTWARE ENGINEER, BANDWIDTH
- Same engineering responsibilities as present Sr Software Engineer role.

AUG 2017 – APRIL 2022
SR SOFTWARE ENGINEER, BRIGHTLY SOFTWARE (FORMERLY DUDE SOLUTIONS)
- Implemented, designed and tested company's Identity Access Management system.
- Migrated systems to AWS (Cognito, Lambda, EKS, API Gateway)
- Participated in design, implementation, and testing of single sign-on (SSO) platform
- Experience with Identity Server 4, .NET Core 2, Couchbase DB, VueJS, NodeJS, TypeScript, Docker, and OpenShift 4
- Implemented and maintained a JS library to support automated testing of the SSO platform.
- Migrated 3rd party applications to Docker containers.

JULY 2014 – AUG 2017
SR QA AUTOMATION ENGINEER, XTIME INC (REORG BY COX AUTOMOTIVE, FORMERLY DEALERTRACK)
- Focus was on testing an inspection tool for automotive dealerships.
- Assisted in implementation and testing of integration services to get data from 3rd parties.
- Maintained automated tests and framework.
- Wrote automated tests in multiple languages and implementations.
- Assisted in implementation and testing of integration services.

AUG 2011 – JULY 2014
QA ANALYST, ASR PRO LLC (ACQUIRE BY DEALERTRACK)
- Assisted in implementation of new clients.
- Assisted in Tier 3 support for all clients.

SKILLS

- NodeJS
- JavaScript
- TypeScript
- AWS
- Python

- Kubernetes
- Golang
- Java
- C#
- REST APIs

- OAuth2
- OIDC
- SAML
- Okta
- MFA