

Experienced IAM Software Engineer II with a robust background in software development, specializing in Java and cloud-native solutions. Proven track record in leading end-to-end feature development, decommissioning legacy systems, and driving technical excellence across teams. Adept at aligning technical solutions with business goals to deliver high-impact results.

Contact information

Phone: 336-287-0002

Portfolio website

<https://portfolio-dlamott.vercel.app/>

GitHub

<https://github.com/DLaMott>

LinkedIn

<https://www.linkedin.com/in/dylan-lamott-b39b47200/>

Skills: Java, Python, Beanshell AWS, JavaScript, MySQL, Node, Kubernetes, Terraform, Apache Kafka, Windows OS, Mac OS, Linux, Docker, Spring, Jira, Agile Development, IAM, LDAP, Dynatrace, Splunk, Azure, Entra ID, Gradle, Management, Leadership, Mentorship, Juggling, Parenthood

Education

Guilford Technical Community College

Jamestown, NC

2020 — 2022

A.S. Computer Programming

GPA: 4.0

Certifications

Test Out PC Pro

8/20

Certified by: Test Out

Java

12/21

Certified by: Guilford Technical community college

Computer Tech Integration

5/21

Certified by: Guilford Technical community college

Work Experience

IAM Software engineer II, Northwestern Mutual

Remote • May 2024 — Present

- Decommissioned legacy services, including MQ, IDM, and multiple on-prem solutions, transitioning them to AWS Kubernetes-hosted services to provide more secure and optimal service to end users..
- Implemented SailPoint IIQ and ServiceNow integration, allowing fulfillment of user access management within a single source identity platform. Provides ease of management and access for stakeholders.
- Led the development of technical interview standards, ensuring a consistent and thorough evaluation process. Assisted with interviewing and hiring multiple junior, mid, and senior level engineers.
- Established and enforced code review and merge review standards, improving code quality and team collaboration.
- Led DOP related meetings instructing multiple team members how to fix various security vulnerabilities, AWS upgrades, pipeline upgrades, and upcoming technology features within NM.

- Improved performance of a directory microservice by identifying and resolving improper pool handling improving response times by 91%. 3181 ms average to a 267 ms average. This provides better SLAs for multiple consumers of this api.
- Introduced multiple Applications into sailpoint IIQ to handle various certifications ensuring proper application access for internal and external identities within NM.
- Engaged in multiple learnings to further my own skill development such as: Azure, AWS, Entra ID, Identity Administration, and more.
- Technologies used: AWS, Apache, Spring, Docker, Terraform, Node.js, Kubernetes, Java, Git, Gitlab, Gradle, CyberArk, MSK, Kafka, Kevlar, Cucumber, Dynatrace, SailPoint, Splunk, Slack, Kibana, OpenSearch, Python, ServiceNow, Azure

IAM Software engineer, Northwestern Mutual

Remote • May 2022 — May 2024

- Designed and implemented a spring-boot microservice responsible for the provisioning of over 50,000+ users. This microservice serves as a source of truth for SailPoint IIQ. I spearheaded not only the microservice design but also the CI/CD pipeline creation, Dynatrace monitoring, slack alerting, and AWS Aurora DB design. I created a CI/CD pipeline deploying this microservice to an AWS hosted Kubernetes zone and also a CICD pipeline utilizing terraform to deploy the DB to AWS. Allowed for a total revamp and improvement of the JML workflow for all employees within NM.
- Architected and implemented multiple Apache Kafka consumer spring-boot microservices to process and manage multiple Kafka business events.. This allowed the business to move away from legacy applications that utilized MQ services. I spearheaded the design, documentation, implementation, and also trained team members on Apache Kafka concepts, deployment procedures, and CI/CD process for these applications. Allowed for realtime application access enablement for NM employees offering ease of life.
- Heavily worked with team members to customize SailPoint IIQ in multiple areas. Notably assisted in onboarding custom built application definitions, provisioning rules, birthright entitlements, JML lifecycle, certifications and more.
- Became an SME for multiple applications in the IGA space to not only take ownership but also offer support per incidents and knowledge transfers. Acting as a SME, I oversee consumer usage, implement performance improvements, and provide training to other team members when necessary.
- Designed and implemented a Restful solution for pulling user information from ED and AD LDAP directories. I created a spring-boot microservice that handles requests for returning user information by utilizing LDAP connections to the directories. This MS has 70+ teams polling thousands of requests per minute where Horizontal pod scaling allows for more pods to spin up as consumers grow for this service. This service saves consumer implementation time and further maintains control on external team access to the LDAP directories.
- Architected, implemented, and integrated multiple slack, elk, and snow integrations to inform team members of application errors and create work incidents should they occur to better track issues within our space.
- Architected and implemented a GitLab bot backed by renovate to perform ad-hoc scans nightly on all opted-in applications. This bot saved our team from having to manually update cicd dependencies, application dependencies, GitLab dependencies, and Gradle dependencies. This also allows the team to ensure our applications stay up to date with now only having to review PRs instead of manually updating the code.
- Technologies used: AWS, Apache, Spring, Docker, Terraform, Node.js, Kubernetes, Java, Git, Gitlab, Gradle, CyberArk, MSK, Kafka, Kevlar, Cucumber, Dynatrace, SailPoint, Splunk, Slack, Kibana, and SNOW.

Production Planner 1, Brakebush

Remote • June 2021 — May 2022

- Maintained product inventories and analyzed sale data to decide business needs for three facilities.
- Collaborated with upper management and team to plan production for three facilities in the USA.
- Collaborated with logistics, procurement, and sales to manage product inventories and better plan production schedules.
- Coordinated with plants on a daily basis offering guidance on products to run in the event of product, machine, or procurement failures.
- Met daily with High level management to present production inventories, plant analysis, and product projections.
- Personally, lead the planning of an entire facility producing yearly production pounds in the millions.

Production Lead, Brakebush

On Sight • August 2019 — June 2021

- Lead over 80 plus employees. I was responsible for offering guidance and ensuring operations ran smoothly and effectively.
- Architected, implemented and followed daily business plans.
- Assisted in the onboarding and training of new employees.
- Implemented a training routine for new hires and current employees to promote growth and potential.
- Was quickly promoted to a corporate position as a production planner due to my ability to effectively coordinate production processes.

Manager, Tar Heel Capital

Mocksville, NC • May 2015 — August 2019

- Oversaw nightly operations of the store and ensured business standards were followed.
 - Led the onboarding experience for new employees and training of current employees.
 - Was recognized as one of the top stores out of 84 in the franchise and promoted to a training manager.
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Open-source contributions

QuestDB: An open source database used by Yahoo, TQS, Turk telecom, and more. Find the company website here: <https://questdb.io/>

QuestDB Contribution 1: Link to accepted and merged PR: <https://github.com/questdb/questdb/pull/1909>

- The resolved issue was to fix long numeric overflow when utilizing nanoseconds to determine thread latch wait time. Previous code had incorrect method usage and incorrect data comparison.

QuestDB Contribution 2: Link to accepted and merged PR: <https://github.com/questdb/questdb/pull/1998>

- QuestDB needed a method to track property keys for server configuration files at start-up. Upon taking this issue, I realized the

current method to load these property keys was using string literals. Over three hundred lines had long string literal property keys which can be vulnerable to error.

- To promote code reusability, type safety, and reduce errors I created an enum storing property keys. Using my new enum I was able to replace the majority of the code within their server configuration driver.
 - I added a test and property key validation method. The added method prevents the server from running if users enter incorrect keys in the server configuration file. The method will throw a server configuration exception and display the invalid line.
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Projects

For projects please view my portfolio website. My website covers my learning experiences and showcases how I solved these projects. My website alone is also a project of mine that I built using react and deployed using vercel so please don't let my hard work be in vain! <https://portfolio-dlamott.vercel.app/>