Dylan LaMott

Location: Advance, NC

Experienced Remote Software developer with a strong focus in the Java programming language. My current role is a, IAM Software Developer, responsible for creating and maintaining applications that automate and enable the provisioning of users for a competitive company.

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

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
December 10, 2021
Certified by: Guilford Technical community college

Computer Tech Integration
May 07, 2021
Certified by: Guilford Technical community college

Work Experience

IAM Software engineer, Northwestern Mutual

Remote • May 2022 — Present

- Created a spring-boot microservice responsible for the provisioning of over 30,000+ users. This microservice serves as a source of truth for SailPoint IIQ. I led not only the microservice design but also the CI/CD pipeline creation, Dynatrace monitoring, slack alerting, and aurora MySQL 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.
- Created four Apache Kafka consumer spring-boot microservices to process and manage different Kafka business events allowing put and post requests towards a provisioning microservice. This allowed the business to move away from legacy applications that utilized MQ services. I led the design, documentation, implementation, and also trained team members on Apache Kafka concepts, deployment procedures, and CI/CD process for these applications.
- Currently leading the DevOps mindset for the IAM IGA team offering support and aid when closing security vulnerabilities found on containers, aws instances, applications, and more. Overall, I have trained other employees to become DOP certified and I orchestrate bi-weekly meetings providing insight on how other members within IAM can close out application vulnerabilities.
- Heavily worked with team members to customize SailPoint IIQ in multiple areas. Notably assisted in onboarding custom built application definitions, provisioning rules, birthright entitlements, and more. Aided the team in customizing IIQ regarding the business specifications of the JML process.

- Became an SME for multiple applications in the provisioning space to not only take ownership but also offer support per incidents and knowledge transfers. Acting as a SME, I oversee consumer usage, implement improvements, and provide training to other team members when necessary.
- Created a Restful solution for pulling user information from ED and AD directories. I created a spring-boot microservice that handles requests for returning user information by utilizing LDAP connections to the directories. This MS design and implementation was led by me and now has over 50 teams using the application. Time is spent training and onboarding new stakeholders as intake requests come frequently.
- Created multiple slackbots to inform team members of application errors should they occur.
- Created 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 allowed us to close most of our devops worklist items in one swoop. 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.
- Assisted higher management on software developer interviews. I spoke with candidates and asked technical questions but also non-technical questions to gauge cultural and technical fit to the team. New hires were most often peered with me and I spent time ensuring they had a smooth onboarding experience and received proper training for their role.
- 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.
- Worked with upper management and team to plan production for three facilities in the USA.
- Worked 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.
- Met daily with High level management to present production inventories, plant analysis, and product projections.
- Personally, led the planning of an entire facility.

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.
- Created and followed daily business plans.
- Oversaw 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. A training manager included managers from other stores coming to me for training.

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.

Projects

For more projects please view my portfolio website and or my GitHub. My website covers my learning experience and showcases how I solved these projects.

NPC Loader

- Server side Minecraft plugin with over 180,000+ downloads. This is one of the highest downloaded NPC minecraft plugins to date.
- The plugin allows for custom NPCs to be loaded into the Minecraft game. Configuration files created upon plugin usage, saving NPC location upon server close, customizable messages, naming NPCs, and deleting NPCs.
- This application was built in my free time and utilizes maven, Java, and Spigot.
- For more detailed information see my portfolio website.