

# KEVIN ABRAHAMS

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## Professional Summary

At ADP, I spearheaded DevOps initiatives, leveraging Lifion's tech stack and automating key processes, significantly enhancing operational efficiency. My expertise in cloud platform technologies, system/site reliability monitoring, automation, and problem solving, combined with a talent for mentoring, drove improvements in application stability and team performance.

## Skills

- Python Scripting
- Automation Technologies
- Bash Scripting
- Docker
- Kubernetes
- Dynatrace
- Splunk
- Cloud Platform Technologies (AWS, Azure)
- Datadog
- Reliability Engineering
- Jenkins
- CI/CD
- ArgoCD
- Quality Assurance
- Java Selenium
- Software Development (HTML, CSS, JS, MERN)

## Work History

### Software Engineer, Sept. 2024 – Current

ADP – Alpharetta, GA

-Worked with various ADP products as part of Resiliency and DR

### Associate App Developer, Aug. 2022 – Sept. 2024

ADP – Alpharetta, GA

-Experience in agile and Scrum methodologies and work tools such as JIRA, Confluence

-Leveraged Lifion's tech stack for DevOps tasks as part of DevOps NYC

-Experience with CICD, Helm, Kubernetes, AWS, Docker, Terraform, Jenkins, Azure

-Experience building test suites for key business processes (payroll, corehr) with quality assurance software tools and web test automation frameworks (Cypress, Java Selenium, Cucumber)

-Contributed to operational efficiency by automating tasks to reduce manual toil

-Developed python cronjob that provides 24hr and weekly alert summaries for Dynatrace problem alerts and OpsGenie alerts to help follow up with fleet teams on pressing issues and to assist with

historical trends and analysis of k8s issues

- Created splunk dashboard visualization for alert summaries of DT, OpsGenie
- Mentored and helped onboard new team members
- Experience with common AWS tools and services, such as S3, Lambda, EKS, Secrets, EC2, RDS, IAM, CloudWatch
- Experience working as client administrator to oversee client data and experience and improve reliability and unblock clients
- Created pipelines for task facilitation and expedition
- Helped in reducing and optimizing cost expenditure
- Experience in utilizing and automating chatbot plug-ins alongside ArgoCD
- Created cronjob to assist with tracking on-call rotation
- Worked in SRE data monitoring (Dynatrace, ELK/Kibana, Splunk, Datadog, Cribl)
- Wrote bash and python scripts
- Completed RCAs and partook in Incident Review sessions and mitigations
- With invented DT BOT Cronjob, helped set expectations with fleets and establish error budgets for fleets to control environments and service promotion
- Served as bot automation tech lead and SME
- Implemented auto-escalation cronjob which automates the incident mgmt process to ensure no critical incident is ever missed, a boon to the oncall rotation
- Experience with data governance and rbac such as with automated pii log access bot ccommand via azure groups
- RDS Database automated monitoring via custom mysql and python scripting
- Increased application stability by proactively identifying, diagnosing, and resolving bugs in the production environment.

## **Education**

**Bachelor of Science:** Computer Science, 05/2022

**University of Maryland, Global Campus** - Adelphi, MD

**Associate of Science:** Computer Science, 12/2019

**Hagerstown Community College** - Hagerstown, MD

