Malik Michael

571-789-7897| malik.mmichael@gmail.com| linkedin.com/in/malik-michael/

SUMMARY OF QUALIFICATIONS

Computer Science senior with hands-on experience in cloud engineering, backend development, and automation through internships at ATPCO, Amazon Web Services (AWS), and Cox Automotive. Skilled in building scalable cloud infrastructure, automating CI/CD pipelines, and developing data-driven solutions with Python, Java, JavaScript, and SQL. Experienced in deploying real-time dashboards, integrating machine learning into production, and designing internal tools that improve efficiency and reliability. Adept at quickly mastering new technologies, collaborating across teams, and delivering impactful software solutions. Seeking an entry-level software engineering role with a focus on backend systems, cloud platforms, or data-driven applications.

SKILLS

Version Control Systems	Database Management	Microsoft Office Suite (Word, Excel, PowerPoint)
Cloud Computing	Effective Communication	Devops Practices
Agile Methodologies	Software Testing	API Development

EXPERIENCE

Cloud Engineer Intern | ATPCO   **June 2025 - Present**
- *Evaluated complex systems and workflows to identify inefficiencies and opportunities for optimization, driving measurable improvements in performance and reliability.*
- *Automated internal processes through scripting and tooling, reducing manual effort and improving consistency across operational tasks.*
- *Designed and built real-time dashboards for monitoring key metrics, enabling proactive issue detection and data-driven decision-making.*

Jr Systems Dev Engineer Intern | Amazon Web Services   **May 2023 - May 2024**
- *Implemented and managed automated CI/CD pipelines, significantly reducing deployment times and increasing system reliability.*
- *Designed and deployed scalable, resilient cloud infrastructure using IaC tools such as Terraform and AWS CDK, ensuring efficient and reproducible environments.*
- *Developed and integrated machine learning models into production systems, enhancing data-driven decision-making and predictive analytics capabilities.*
- *Led the end-to-end development and deployment of a new service, from initial concept and design through to implementation and ongoing maintenance.*
- *Participant of Amazon's Campus Summer Series*

Software Engineer Intern | Cox Automotive Inc.   **May 2022 - Aug 2022**
- *Developed robust internal tools that streamlined operations and enhanced productivity across the enterprise.*
- *Designed and implemented comprehensive Splunk dashboards, providing real-time insights and analytics to improve system monitoring and incident response.*
- *Engineered a custom PagerDuty tool, integrating it with enterprise systems to optimize incident management and automate escalations for abandoned accounts.*

EDUCATION

George Mason University   **Fairfax, Virginia**
Bachelor of Science in Computer Science   January 2023 - May 2026

Northern Virginia Community College   **Manassas, Virgninia**
Associate's in Computer Science   September 2018 - August 2021

Technical Skills

Languages: Python, Java, JavaScript, SQL
Frameworks: Django, Flask, FastAPI, JUnit, React, NextJS, WordPress
Developer Tools: Git, AWS (Amazon Web Services), Google Cloud Platform, VS Code, PyCharm, IntelliJ, Docker, Splunk