

STEPHON FONROSE

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PROFESSIONAL SUMMARY

Solutions-driven Software and DevOps Engineer with over 3 years of experience bridging software development, security compliance, and enterprise infrastructure. Proven expertise in DevSecOps practices, automating CI/CD pipelines, driving vulnerability remediation, and executing cross-functional cloud migrations for mission-critical applications.

SKILLS

Languages & Scripting: Python, Java, Bash/Shell, TypeScript, Swift, SQL
DevOps & Infrastructure: Jenkins, Docker, Ansible, Git, Artifactory, Linux (RHEL)
Cloud & Operations: Cloud Management, ServiceNow, Jira, Enterprise Application Migration
Core Competencies: CI/CD Pipeline Automation, Vulnerability Remediation (DevSecOps), Release Management, Cross-Functional Collaboration, Software Testing (QA)

PROFESSIONAL EXPERIENCE

Citi — DevOps / Software Engineer Irving, TX | April 2022 – November 2025

- Audited enterprise vulnerability management portals (CAMP) across **130+ RHEL servers** to identify container vulnerabilities and End-of-Version Support issues, reducing active security risks by **70–80%**.
- Analyzed **Jenkins** build pipeline configurations to trace open-source dependencies and executed automated batch infrastructure remediations using **Ansible** across DEV, UAT, and Production.
- Managed code promotion, shell script execution, and environment synchronization for enterprise conversational AI applications across multi-tier environments.
- Submitted change requests via **ServiceNow** to execute server decommissions and cloud node migrations, smoothly upgrading core servers from **RHEL 7 to RHEL 8**.
- Facilitated backend API migration to the **Kore.ai** platform, developing cross-platform testing scripts to conduct sanity and regression testing across mobile test devices.

Apple — Software Engineer Intern Seattle, WA | June 2020 – August 2020

- Expanded Apple's internal **CoreChart** data visualization framework by building a dynamic demonstration application in Xcode using **TypeScript** and **Swift**, showcasing 40+ interactive charts.
- Optimized rendering logic across dual application variants to guarantee seamless cross-platform performance and responsive layout support across iOS, macOS, and iPadOS.

Prudential Financial — Applications & Software Dev Intern Newark, NJ | June 2019 – August 2019

- Automated **Jenkins** pipeline scripts to build, test, and push execution metrics directly into **Jira**, reducing manual developer test tracking time by **2–3 hours per project**.
- Built a custom web scraping bot to index 30+ internal portal pages, consolidating metadata into a searchable central project directory catalog.

Delaware State University — CS Teaching Assistant & Tutor Dover, DE | August 2018 – April 2021

- Instructed 100+ undergraduate students in core software engineering fundamentals (**Python**) and Data Structures & Algorithms (**Java**), covering recursion, array processing, and object-oriented design.
- Facilitated hands-on debugging sessions and lab hours focused on memory management concepts and algorithmic complexity analysis.

EDUCATION

Delaware State University — B.S. in Computer Science May 2021
Leadership: President of DSU Computer Science Club (2019 – 2021)