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## PROFESSIONAL SUMMARY

Experienced software engineer proficient in Python, Java, Node.js, and RedHat OpenStack. Led deployments of Virtualized Network Functions at Nokia, fostering client collaboration and disaster recovery solutions. Demonstrated development skills in network management applications and automated testing of VNFs.

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## SKILLS

Python, Java, Node.js, HTML/CSS, React, MySQL, MongoDB, AWS, Git, Selenium, Cucumber, JUnit, CI/CD

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## EXPERIENCE

**Nokia Networks and Solutions, India, Jun 2018 - Nov 2021**

- **Solution Engineer, 2 yr 6 mos:**

- Deployed VNFs through ETSI NFV-compliant VNFM (CBAM) using HOT and YAML-based Ansible scripts speeding up deployment by 40% and closely coordinated with customers for testing and acceptance.
- Enhanced test coverage by 50% through the implementation of automated tests for VNFs and optimized CI/CD pipeline. Leveraged Selenium WebDriver to simulate user interactions, validate UI elements, and used Cucumber's feature files to document test scenarios in a human-readable format fostering understanding across teams.
- Developed Python scripts automating cleaning and formatting of data for DNS/ENUM/MNP, resulting in a 60% reduction in manual effort optimizing operational efficiency, and accelerating workflow timelines.
- Mentored GETs on IMS in general, its various nodes, and OpenStack.

- **Graduate Engineer Trainee, 1 yr:**

- Executed subnetting/IP allocation, capacity planning, and geo-redundant planning for disaster recovery for DNS, ENUM, MNP, and Utproxy VNFs, bolstering network resilience and resulting in 99.9% uptime.
- Prepared artifacts such as LLD, UAT documents, and MOPs reducing errors.
- Ensured consistent operational reliability by preparing scripts for health checks and scheduling tasks through cron jobs leading to a 70% decrease in system downtime by decreasing MTTR.

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## PROJECTS

- **Gym Management System - Node.js, Express, MongoDB, HTML, CSS:**

Developed a state-of-the-art gym website prioritizing seamless user experience and enhancing operational efficiency.

- **TickUrTasks application - Node.js, Express, SQL, React, Redux:**

Effortlessly add, delete, mark tasks complete, edit descriptions with ease, view all tasks, and due date highlight for each task for comprehensive task management and a seamless user experience.

- **ChatBox application - Java :**

Developed a versatile messaging application facilitating seamless interactions between users through both one-to-one and one-to-many messaging capabilities. Uses Java Socket Class and Thread Class to create client-server architecture.

- **Exploring key Factors for Success of Sci-Fi movies - Python, Selenium Webdriver:**

Conducted in-depth analysis of critical success factors in Sci-Fi films through sentiment analysis of user reviews.

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## EDUCATION

- **Stevens Institute of Technology**

Hoboken, NJ

*Master of Science in Computer Science; GPA: 3.758*

*Jan. 2022 – Dec. 2023*

- **National Institute of Technology**

Calicut, India

*Bachelor of Engineering in Electronics and Communication ; GPA: 3.28*

*Aug. 2014 – May. 2018*