

Nhim Roeung

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RELEVANT SKILLS

Programming Languages: Java, GO, Python, Terraform, Bash, C, HTML/CSS/JS, Groovy, PowerShell, MSSQL

Tools and Methodology: OCI, Jenkins, Azure DevOps, AWS, Jira, Prometheus, Grafana, Elasticsearch, SonarQube, Nexus IQ, Ansible, SOAP UI, GIT, Maven, UNIX Admin, CI/CD, Containerization, Operations, Infrastructure as Code (IaC)

WORK EXPERIENCES

Oracle Cloud Infrastructure (OCI)

Remote

Senior Site Reliability Developer – DNS Data-Plane

June 2022 – Present

- Ensure a high level of service availability for DNS (a Tier 0 service at OCI) by providing ongoing coding and operational support, and implementing improvements through root cause analysis, as well as incorporating lessons learned from large-scale events (LSE).
- Manage 1-2 other engineers as the project lead on multiple LSE projects, all of which had VP-level visibility, overseeing activities from scoping, through implementation, to important milestone dates and completion.
- Research, scope, and establish extensive testing environments to ensure the feasibility of migrating approximately 250,000 zones and accommodating legacy customers from DYN DNS to OCI DNS.
- Provide on-call support every month for DNS services in OCI, actively root-causing, debugging, and resolving customer-impacting issues in a timely manner for customer retention and satisfaction.
- Perform monthly patching, apply application vulnerability fixes, and add features to greatly improve operational availability and alarms for critical DNS applications developed in Go, Python, and Java.

Independence Blue Cross

Philadelphia, PA

DevOps Engineer

June 2018 – June 2022

- Designed and built out the CI/CD process for IBC and their subsidiaries for Java, Angular, .NET, and Database applications, thereby increasing their overall development and deployment capabilities by 700%.
- Consistently improved the pipeline by creating new functions and custom Java plugins to overcome issues and requirements set by the development team.
- Implemented security features in the pipeline for static code and component-based bugs and vulnerability checks.
- Collected and aggregated data from the development process for auditing and metric presentation via to upper management

Arris

Horsham, PA

Systems Engineer

February 2017 – June 2018

- Established development environments in AWS to replicate the customers' production environment, enabling overhead and scalability testing in preparation for a potential transition to AWS, with a budget of \$250,000.
- Wrote technical documentation for QA testing and customer implementation of telecom systems

EDUCATION

Temple University

Philadelphia, PA

Bachelor of Science Degree in Electrical Engineering
Computer Engineering Concentration

AWARDS

Arris Hackathon 2017 – Third Place Winner

September 2017

IBC Hackathon 2019 - First Place Winner

August 2019