

TECHNICAL SKILLS

Software Engineer with 5+ years of experience in architecting and delivering fully automated CI/CD pipelines that accelerate deployment and enhance release frequency. Proficient in infrastructure automation, monitoring, and scaling robust software applications, with a proven track record in end-to-end testing and background process design.

Programming language: Python, SQL, Bash, Groovy, Javascript, Java(Intermediate)
OS & Virtualization: Linux, Windows, ESX, Redhat, CentOS, ESX, Vcenter, VMware vSphere
Tools & Platforms: Git, Jenkins, Ansible, Docker, Kubernetes, Elastic, Logstash, Kibana, Jira, Scrum

PROFESSIONAL EXPERIENCE

Software engineer | Cisco Systems

San Jose, California
Jan 2022 – Mar 2023

- Pioneered CI/CD processes using Jenkins and Docker, slashing deployment times by 50% and executing over 1000 complex test suites in parallel.
- Engineered a proactive monitoring system with Elasticsearch, Logstash, and Kibana (ELK Stack) that cut incident response time by 30% and enhanced system observability. The system identified 100+ bugs monthly in the testing environment, with seamless integration to Chatbot, Jira, and Email.
- Constructed a data pipeline for the import and export of periodic failure log reports into Elasticsearch, processing over 30,000 records daily at peak.
- Developed comprehensive unit and functional test suites for new software modules, leading to a 20-30% reduction in post-deployment bugs.
- Orchestrated the simultaneous provisioning of 100+ ESXi hosts using Python and configured Clusters/Datacenters as per engineering requirements.
- Led test plan and test case development and review for Cisco Unified Computing System (UCS) and Cisco Intersight Managed Mode (IMM).

Software QA engineer | Zenaide Technologies

San Jose, California
Mar 2019 – Nov 2019, Oct 2020 – Nov 2021

- Authored and maintained 100+ automation scripts monthly to automate Cisco server and device-side functionalities.
- Integrated automated testing tools, expanding test coverage while reducing execution time by 50-70%, and boosting resource efficiency through Docker.
- Crafted custom Jenkins jobs/pipelines to initiate test scripts for complex test suites, streamlining testing processes.
- Formulated best practices for developers on environment preparation and efficient testing.
- Designed, installed, and maintained VMware vSphere 6.x/7.x Enterprise Plus virtualization infrastructure.

Software Engineer | Golomt bank

Ulaanbaatar, Mongolia
Feb 2015 – Oct 2017

- Automated service deployment by eliminating manual processes, streamlining operations, and incorporating end-to-end automation, cutting downtime and risk by 50%.
- Optimized SQL queries on large datasets, boosting performance speed of core application services by 150%.
- Enhanced core banking systems, including RTGS, ACH, SWIFT, CRM, and Credit Bureau systems, by customizing features for lending, end-of-day processes, interest, and dormancy accounts.
- Developed and deployed an application that aggregates loan and credit card information, with integration to third-party applications using Django/Python.

EDUCATION

- **Maharishi University of Management**
Master of Science in Computer science

Fairfield, Iowa
Oct 2017 – Jun 2021

- **Mongolian University of Science and Technology**
Bachelor of Science in Software engineering

Ulaanbaatar, Mongolia
Aug 2011 – Jan 2015