JAVED ALI

DevOps Engineer | Cloud Infrastructure | SRE | Automation Engineer

📞 +91 9831234170 ✉ javedali.sde@gmail.com 🌐 portfolio.javedali.com 📍 Bengaluru

WORK EXPERIENCE

Software AG | Lead Software Engineer   Nov 2020-present

- Setting up **self-hosted** GitHub runners on AKS for maven & npm builds which reduced the build time of the ci-cycle by **75%** (1 hour to 15 mins).
- Configuring **AKS components (subnets, RBAC, VNET)** within Azure landing zone, integrating **cert Manager** for **SSL/TLS certificates**, automating **Docker image** pushes via **GitHub Actions**.
- Deployed highly **available and scalable Jenkins infrastructure** on AWS using **Terraform, Helm charts**, integrating Key-cloak.
- Implemented **parallel stages in Jenkins pipelines**, integrated Git to trigger builds and deployments upon code changes or pull requests.
- Provisioned and managed AWS resources, including **EC2** instances, **VPCs**, **security groups**, and **IAM roles**, using **Terraform**.
- Leveraged Python libraries such as **Docker SDK**, **Boto3**, and **AWS CLI** to interact with **Docker** and manage AWS resources programmatically.
- Implemented a prototype using **Open-AI API (Chat-GPT)** code review feedback within the pull request, facilitating code review suggestions.

Cognizant | Senior Associate   Apr 2019-Nov 2020

- Set up CI-CD on **GitHub Actions** and **Docker**, **Jenkins** using ansible running **15000 jobs daily**. Maintained Jenkins jobs using groovy scripts.
- Set up Monitoring for Cumulocity-IoT Infrastructure from scratch using **ELK stack**, **metric-beat**, **heartbeat** and **Ansible** which collects data from 50+ servers across **3 environments**.
- Has set-up **3 environments** - Prod, Stage, Dev with each consisting of **VPCs, EC2, Route53 records, Route tables, Security Groups, Bastion hosts, NAT Gateways etc.**
- Planning regular upgrades of self-managed services like MongoDB, MySQL, NATs
- Developed **Azure functions** to process large volumes of incoming webhooks events to generate **real-time dashboards**, resulting in a **30% reduction** in data processing time and helped provided quick insight of the release process.
- Daily Automated Releases using python script **(2000+ lines of code)** sending automated email change log **of 20+ repositories** to respective teams. Attend stand-ups and sprint planning sessions.

HCL Tech | Senior Software Engineer   Oct 2016-Apr 2019

- Independently designed and developed **end to end automation framework** from scratch for Walmart Inc. brand strategies & Consumer Privacy features.
- Integrated third-party application **APIs (One-Trust & ServiceNow)** for ticket processing till completed.
- Implemented **SMTP file validation**, custom **UI compatibility** scenarios.
- Automated **email & SMS** based TFA flows, **integrated jar executables** to simulate device registration with NodeJS **child-process** spawning.
- Integrated **REPORTPORTAL** with the automation framework and in **CI/CD pipeline** for **ML** based test result analysis

First American | QA Engineer   Aug 2013-Oct 2016

- Developed **end-to-end automated regression suite** to validate the stability of the system, including all **100+ Title Products** and their interdependencies, and to prevent any regression issues during future updates.
- Developed Automation Frameworks from scratch using **Selenium**, **Protractor**, **Cucumber**, **Jasmine**
- Have coordinated with the teams for automating **300+ User stories** in a span of just 10 months.
- Automated tests to ensure that the system can handle the load of **20,000 internal users** & provide a reliable, fast, and responsive user experience.

TECHNICAL SKILLS

Languages
Python • JavaScript • Typescript • Java
Infrastructure as a Code tools
Terraform • Ansible
Cloud providers
AWS • Azure
Container & orchestration
Docker • Kubernetes • EKS • AKS
Version control
Git • Code Commit
Build Configuration
Maven • NPM
CI-CD
GitHub Actions • Jenkins
Test Automation
Selenium • Protractor • Detox • Cucumber • Pytest • Axios • Rest-Assured • Request
Security ops tools
Truffle-hog • Aqua-security
Databases
PostgreSQL • MongoDB • MySQL
Backend
Springboot • Django

EDUCATION

West Bengal University of Technology
B. Tech in Computer Science   2009-2013
GPA 7.56/10.0

Maria's Day School

Senior Secondary	87 %	2009
Matriculation	91 %	2007

AWARDS & MOOCS

- Completed DevOps Engineering certificate course from AWS.
- LINUX Certified DevOps Graduate.
- Completed Advanced Architecting certificate course from AWS.
- Won the Tech-Interrupt Global Finals at Software AG.
- 2X Quarterly Awards for Outstanding Performance
- Won HCL Extra Miles & Spot Awards.

LANGUAGES

ENGLISH	Advanced
HINDI	Native
ARABIC	Intermediate

OPEN-SOURCE WORKS

- xray-jira-reporter   bit.ly/3HbfGMt
- encode - decode   bit.ly/3KVHLYU

EXTRA CURRICULLAR

- Mentored > 5 students at MITS Solutions.
- Won the Biking Milestone competition organized by Strava.
- Trained Test Automation to freshers @ Cognizant