NADEEM ALI

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SUMMARY

Site Reliability Engineer with 10+ years in trading systems support, DevOps, and cloud infrastructure. Specialized in building resilient, automated, and scalable systems across AWS and hybrid environments. Skilled in Python, Shell, Terraform, Kubernetes, and CI/CD pipelines, with proven success driving 99.9%+ uptime, reducing incident detection by 35%, and cutting deployment time by 30%. Experienced in incident response, observability (Prometheus, Grafana, Geneos), and cloud migrations, aligning reliability engineering with business-critical outcomes.

EDUCATION

Bachelor of Technology, Dr. A.P.J. Abdul Kalam Technical University   Aug 2010 - Jun 2014
Relevant Coursework: Computer Science and Engineering

SKILLS

SRE & Reliability	Incident response, root cause analysis, SLO/SLI/SLA design, postmortems, high
Automation & Infra-as-Code	Python, Shell, SQL, Terraform, CloudFormation, Autosys, Control-M
Cloud Platforms	AWS (EC2, S3, RDS, IAM, CloudWatch, DynamoDB), Azure (VMs, Monitor, A
CI/CD & DevOps	Jenkins, GitLab CI, GitHub Actions, Azure DevOps
Monitoring & Observability	Prometheus, Grafana, ELK, ITRS Geneos, CloudWatch
Trading Systems (Domain Expertise)	Charles River OMS, FIX Protocol, equity derivatives, FX, LUSID, Neoxam
Processes & Tools	ITIL Certified, Agile, Jira, Confluence, Git, Linux/Unix

EXPERIENCE

Technical Specialist   Jan 2023 - Present
Fidelity International   *Gurgaon, IN*

- Engineered real-time monitoring automation with ITRS Geneos, reducing mean incident detection time by 35%.
- Built CI/CD pipelines in Jenkins for trading applications (Charles River OMS), accelerating deployments by 30% while ensuring zero-downtime rollouts.
- Managed and optimized AWS infrastructure (EC2, S3, RDS) for high-frequency trading workloads, improving performance and reducing costs.
- Led incident response and root cause analysis (P1/P2 issues), reducing recurring incidents by 25% and maintaining 99.9% uptime.
- Automated health checks and operational runbooks (Python/Shell), cutting manual workload by 40%.
- Proficient in analysing, managing and integrating Charles River Trading platform, OMS and FIX Protocol.
- Mentored new hires and served as SPOC for change management and DevOps coordination.

Support Engineer III (DevOps Engineer)   Mar 2022 - Jan 2023
Amazon India   *Bangalore, IN*

- Automated patching workflows via Jenkins pipelines, improving deployment speed by 20%.
- Enhanced observability by integrating AWS CloudWatch & DynamoDB monitoring, improving system reliability.
- Built auto-healing Python scripts to resolve 60% of repetitive tickets automatically.
- Led root cause analysis for production issues, reducing recurrence rate by 15%.
- Provisioned AWS infrastructure with Terraform, ensuring consistent and scalable deployments.

Senior Analyst Programmer   Feb 2018 - Mar 2022
Fidelity International   *Noida, IN*

- Supported business-critical trading platforms (L2 support), resolving 600+ incidents annually with 95% first-call resolution.
- Automated monitoring scripts (Python, Shell), reducing manual checks by 50%.
- Configured ITRS Geneos dashboards for real-time observability and proactive incident prevention.
- Assisted in cloud migration to AWS with CloudFormation templates, ensuring scalability and resilience.

Software Engineer   Dec 2014 - Jan 2018
Deutsche Bank   *Pune, IN*

- Supported equity trading platforms with high availability, resolving 400+ incidents annually.
- Automated trade booking and P&L reports using Python, boosting speed and accuracy by 30%.
- Partnered with infra teams to evaluate cost-effective technologies while ensuring system reliability.

PROJECTS

Cloud-Native Trading Infrastructure. Built resilient CI/CD pipelines and automated health checks for Charles River OMS, achieving 99.9% uptime. (Charles River)
Amazon Seller Support Reliability. Developed Python-based self-healing tools, reducing manual ticket load by 50%. (Amazon Seller)
Monitoring Dashboards. Configured Prometheus + Grafana for real-time monitoring of trading workloads.
Research Management System. Optimized workflows and automated SQL queries for faster analyst research.
Imagine DB. Supported Deutsche Bank internal tools to help trading book equity trades and register PnL reports.

CERTIFICATIONS

- AWS Certified AI Practitioner (Early Adopter)
- Snowflake Hands-On Essentials (Data Warehousing, Collaboration, Data Applications, Data Lakes, Data Engineering) – In Progress
- DevOps Foundation
- REST API
- AWS Certified Solutions Architect – Associate (In Progress)

EXTRA-CURRICULAR ACTIVITIES

- Sharpening SRE skills via GitHub projects in AWS, Terraform, Kubernetes; contributing to open-source monitoring tools (Prometheus, Grafana).
- Actively working on AWS/Dev-Ops GIT projects.