Afzal Ahmed Khan

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# Professional Summary

DevOps Engineer with 8 years of experience in backend development, cloud migration, and automation. Proficient in Python, Shell scripting, and CI/CD pipelines with hands-on experience in AWS and GCP. Skilled in infrastructure as code, monitoring, and performance optimization. Adept at working in Agile environments, collaborating with cross-functional teams, and driving system reliability and scalability.

# Technical Skills

Languages: Python, Shell Scripting, C, C++, Pro\*C

Cloud Platforms: AWS, GCP

CI/CD & Automation: GitHub Actions, DevOps Practices

Infrastructure as Code: Terraform (basic exposure)

Monitoring & Logging: Splunk

Version Control: Git, GitHub, Bitbucket

Operating Systems: Unix/Linux

Debugging & Tools: GDB, Jira

Methodologies: Agile, Scrum

# Certifications

Google Cloud Platform – Associate Cloud Engineer

DevSecOps Certification

# Work Experience

**Jan 2022 – Present** Senior Software Engineer | HCL Technologies

Location: Dubai, UAE (Remote Collaboration)

Project: Collection Advantage (AWS Migration)

- Developed Python-based backend scripts to support migration of legacy systems to AWS cloud.

- Utilized AWS services for deployment, improving scalability and performance.

- Collaborated with cross-functional teams to streamline migration, ensuring minimal downtime.

Project: Experian Credit Reporting

- Maintained and modified legacy C code for Experian's Credit Reporting system.

- Converted core modules into Python to enhance system functionality and maintainability.

- Conducted integration and regression testing to ensure stable releases.

**Mar 2017 – Jan 2022** Software Engineer | HCL Technologies

Project: ICICIDirect Prime

- Developed logic for Prime subscription plans, increasing user adoption by 20%.

- Automated accounting workflows, reducing manual effort by 30%.

Project: Database Optimization

- Improved query performance, reducing execution time by 30%.

- Refactored critical algorithms in C++ to optimize database access and system efficiency.

Project: ICICIDirect PMS

- Implemented PMS registration functionality, reducing customer onboarding time by 40%.

- Designed subscription and top-up workflows for a smooth user experience.

# Education

PG-DAC (Postgraduate Diploma in Advanced Computing) – CDAC Mumbai (2016 – 2017)

B.E. in Information Technology – MHSS College of Engineering (2012 – 2015)

Diploma in Information Technology – MHSS Polytechnic (2009 – 2012)

# Strengths

- Strong analytical and debugging skills.

- Adaptive team player with a passion for learning new technologies.

- Proactive in improving system performance and reliability.