**Afzal Ahmed Khan**

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**Professional Summary**

DevOps Engineer with 8 years of Total and 3 years of experience specializing in automation, CI/CD pipelines, cloud infrastructure, and system performance optimization. Proficient in Python scripting, Linux environments, and cloud platforms like AWS and GCP. Skilled in using tools such as Git, Jenkins, GitHub Actions, and Splunk for monitoring and deployment. Experienced in implementing DevSecOps practices and collaborating across development and operations teams to streamline delivery and improve reliability.

**Technical Skills**

Primary Languages: Python, Shell Scripting

Other Languages: C,C++, Pro\*C, SQL  
Cloud Platforms: AWS (EC2, S3, Lambda, CloudWatch), GCP  
CI/CD & Automation: Jenkins, GitHub Actions, GitLab CI  
Monitoring & Logging: Splunk, CloudWatch  
Version Control: Git, GitHub, Bitbucket  
Configuration & Containerization: Docker, Ansible  
Operating Systems: Linux, Unix  
Methodologies: Agile, Scrum, DevSecOps  
Others: Performance Optimization, Infrastructure as Code (IaC)

**Certifications**

* Google Cloud Platform – Associate Cloud Engineer
* Python Programming
* DevSecOps

**Work Experience**

**Senior Software Engineer | HCL Technologies**

Duration: January 2022 - Present

***Project: Experian Credit Reporting***

• Maintained and modified legacy C code for Experian's Credit Reporting system to address change requests and optimize performance.  
• Integrated C++ modules to enhance system functionality and improve performance.

• Ensured seamless integration and testing for stable application functionality.

Project: Collection Advantage (AWS Migration & DevOps Automation)

• Automated infrastructure provisioning and deployment using Python and AWS CloudFormation.  
• Implemented CI/CD pipelines using Jenkins and GitHub Actions for seamless deployment.  
• Utilized AWS services for scalable cloud migration and monitored performance using CloudWatch.

**Software Engineer | 3i Infotech**

Duration: March 2017 - January 2022

***Project: ICICIDirect Prime***

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

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

Project: DevOps Performance Optimization

• Refactored deployment workflows to reduce downtime and improve release efficiency.  
• Integrated monitoring tools like Splunk to track system health and performance.  
• Automated database backup and recovery processes using shell scripts and cron jobs.

• Enhanced system stability by optimizing database structures.

***Project: ICICIDirect PMS***

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

• Designed subscription and top-up workflows, ensuring smooth user experience.

**Education**

* Postgraduate Diploma in Advanced Computing (PG-DAC) - CDAC Mumbai, India (2016 - 2017)
* B.E. in Information Technology - Mohammed Haji Saboo Siddik College of Engineering (2012 - 2015)
* Diploma in Information Technology - Mohammed Haji Saboo Siddik Polytechnic (2009 - 2012)

**Strengths**

* Strong analytical and debugging skills.
* Adaptive team player with a keen willingness to learn new technologies.
* Proactive in improving system performance and reliability.