

Abdul Noushad Sheikh

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SUMMARY

- A seasoned Software Engineer with over 4 years of professional experience, specializing in Software Development, DevOps and Platform Engineering. My technical proficiency spans developing web apps & APIs and deploying them in Cloud.
- I have proven track record in architecting, automating, and building CI/CD pipelines, ensuring efficient software delivery.
- I worked on a wide range of deployments, acquiring skills in Terraform and CloudFormation, Ansible, Puppet, and Serverless Lambda Functions. My experience with AWS CodeCommit, GitHub Actions, and BuildTest YAML configurations has enabled me to implement various types of automated flow.
- I possess strong problem-solving skills, excellent communication abilities, and a collaborative approach to team projects.

EDUCATION

San Diego State University

Masters in Computer Science; GPA: 3.90

San Diego, CA

Aug 2022 - May 2024

Pune University

Bachelor of Computer Science; GPA: 3.66

Pune, India

Aug 2015 - May 2019

SKILLS SUMMARY

Programming Languages: Java, Python, JavaScript, Typescript, Ubuntu Bash, Linux Shell.

Web Development: JQuery, HTML/CSS, Bootstrap, Node, Express, Django, Springboot, Jira, Selenium.

DevOps Tools: Kubernetes, Docker, Ansible, Puppet, Terraform, Jenkins, AWS CloudFormation, Lambda Functions, Github Actions, AWS S3, CodeCommit, CodeBuild, CodeDeploy, CodePipeline, Step Functions, CloudWatch, Load Balancers (ELB)

EXPERIENCE

AWM Global Advisors

Software Engineer Intern

San Diego, CA

Aug 2023 - Present

- Enhanced Python scripts for efficient metric retrieval from RESTful APIs, including authentication and error handling, while integrating them with a AWS RDS database, optimized logging and reporting of the API.
- Conducted thorough performance tuning of AWS environment, achieving a 40% reduction in operational costs.
- Containerized a KYC system for a high-stakes financial app, and automated deployment by building CI/CD pipeline.

Amdocs

Software Engineer

Pune, India

Sept 2021 - July 2022

- **Infrastructure Automation:** Automated the provisioning and management of AWS resources using Terraform, thus enhancing infrastructure oversight and enabling more precise control over resource allocation.
- **Containerization & Orchestration:** Led the migration of traditional applications to containerized solutions using Docker and Kubernetes, enhancing scalability and deployment efficiency.
- **CI/CD Pipeline Development:** Designed and implemented continuous integration and delivery pipelines with Jenkins and AWS CodePipeline, improving deployment frequency and reducing manual errors.

Deloitte

Software Development Engineer - DC Analyst

Mumbai, India

Jan 2020 - Sept 2021

- **Pipeline Maintainance:** Maintained CI/CD pipelines for a Python projects using Jenkins, AWS CodeBuild, and AWS CodePipeline, enhancing deployment efficiency.
- **Automated Testing:** Crafted and executed Python test case scenarios for both unit and integration testing of AWS Lambda functions. Used Pylint for code analysis and PyTest for robust automated testing within CodeBuild.
- **Documentation:** Assisted in developing comprehensive documentation for the CI/CD pipelines and AWS infrastructure, ensuring clarity and accessibility of critical project information.

PROJECTS

SSH Parallel Login: ○ Created a linux shell script to automate software installation across multiple network machines simultaneously. ○ Implemented error handling mechanisms within the script to handle potential issues & connection failures.

Serverless Quiz Game: ○ Designed and deployed a cross-platform, engaging multiplayer quiz game, utilizing AWS Lambda, DynamoDB, and Step Functions for the backend architecture. ○ Implemented a React-based user interface, hosted seamlessly on an AWS S3 bucket for optimal performance and scalability.

Websites: dev0.us | 2minutejson.com | sdsudevops.medium.com