

FAROOQ AHMED

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<https://www.linkedin.com/in/farooq-ahmed-1b7463127/> Portfolio:

<https://github.com/Farooq2018>

AUGUST 2019 - PRESENT

ASSOCIATE SOFTWARE ENGINEER, INFOSYS

- Conducted regular performance tuning and optimization of AWS RDS instances and EC2 Machines to ensure optimal functionality and cost-effectiveness, resulting in improved system efficiency by 60%.
- Implemented proactive monitoring strategies using CloudWatch, Log Trail, and other monitoring tools to identify and resolve potential system issues, reducing downtime by 75%.
- Led the development and maintenance of automated workflows using Step Functions, reducing manual intervention by 50% and streamlining processes.
- Played a key role in designing and implementing Gateway APIs and Lambda functions, facilitating seamless integration between different services, and enhancing overall system agility.
- Building CI/CD pipelines with AWS CodeCommit, CodeBuild, CodeDeploy, and CodePipeline.
- Automating deployments using infrastructure-as-code tools like CloudFormation.
- Managing application security with service roles, policies, and KMS. Managed and optimized S3 buckets for data storage and retrieval, ensuring data integrity, accessibility, and compliance with security protocols.
- Collaborated with cross-functional teams to troubleshoot complex technical issues, providing timely resolutions, and fostering a culture of knowledge sharing within the team.
- Actively contributed to documentation and knowledge base creation, enabling efficient onboarding of new team members, and improving internal processes.
- Conducted regular audits and implemented security best practices for RDS and EC2 services, ensuring compliance with industry standards and mitigating potential security vulnerabilities.
- Acted as a subject matter expert, providing technical guidance and mentorship to junior team members, fostering their professional growth within the organization.
- Collaborated within a mid-sized team on a substantial project to elevate BNSF operations as a dedicated ServiceNow Developer. Proficiently designed and implemented Catalog Items, Flow Designer solutions, custom tables, and seamless integrations, contributing to significant enhancements in operational efficiency.

- Streamlined and optimized ServiceNow systems and operations as a Systems Administrator at Black & Veatch, resulting in a 40% reduction in incident response time and a 25% increase in system uptime.
- Developed and implemented a robust web application leveraging Spring Boot and MySQL Database, enabling System Administrators to efficiently add employees for real-time alerts during Natural Disasters or emergencies, ensuring immediate notifications via a mobile app.

OCTOBER 2018 - JUNE 2019

CYBERSEC INTERN, CYBER DEFENSE LABS

- Monitored client's network traffic using AlienVault.
- Created and managed virtual machines using Virtual Box and VMware.

EDUCATION

AUGUST 2023

BACHELOR OF SCIENCE IN COMPUTER SCIENCE, SOUTHERN NEW HAMPSHIRE UNIVERSITY

MAY 2021

ASSOCIATE OF SCIENCE IN COMPUTER SCIENCE, DALLAS COLLEGE

SKILLS

- **Problem-Solving Approach:** Apply Object-Oriented Design to address challenges.
- **Programming Languages:** Skilled in Python, SQL, C++, C, Java, Kotlin, HTML, CSS, Go, JavaScript, TypeScript, C#.
- **Development Environments:** Experienced in Visual Studio Code, Eclipse, NetBeans, Visual Studio, IntelliJ IDEA.
- **Databases:** Competent in Oracle, PostgreSQL, Microsoft SQL Server, MySQL, MongoDB (NoSQL).
- **Frameworks:** Familiar with Angular, Spring, Spring Boot, FASTAPI.
- **Version Control:** Proficient in Git for Source Control Management.
- **Project Management Tools:** Familiarity with Jira, Gantt, Microsoft Visio.
- **Communication Skills:** Strong written and verbal communication abilities.
- **SDLC and Agile:** Solid understanding of System Development Life Cycle (SDLC) and Agile Methodologies.
- **Scripting:** Proficient in PowerShell, Bash, and Shell Scripting.
- **API Development:** Skilled in designing and building REST APIs.
- **CI/CD Pipelines:** Proficient in Jenkins.
- **Containerization:** Experience in Docker for application containerization and Kubernetes for container management.

CERTIFICATIONS

- AWS Certified Developer - December 2023
- AWS Certified Cloud Practitioner - September 2022
- Microsoft Certified: Azure Data Fundamentals - September 2021
- Microsoft Certified: Azure Fundamentals - August 2021
- ServiceNow Certified System Administrator - October 2020