AAZIM ATHAR

**Microsoft Certified Azure Developer and Administrator Associate**



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**Professional Summary**

Currently working as Engineer, responsible for the configuration and maintenance of Azure cloud infrastructure, experience in **Azure Cloud, Kubernetes, AKS, Docker, Containerization, Virtualization, Go, Python, Java, kubectl, Git, CI/CD.** Expertise in testing, evaluating, and solving issues related to cloud infrastructure. Specialist in performing inspections and ensuring the continuous integration process of cloud resources.

# Educational Qualification

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| --- | --- | --- | --- | --- |
| **Institution** | **Qualification** | **Year of Passing** | **CGPA /**  **Percentage** | **Grade** |
| KIIT University, Bhubaneswar | B.Tech in Mechanical Engineering | May, 2019 | 6.9 | First Class |
| Al-Kabir Polytechnic, Jamshedpur | Diploma in Automobile Engineering | May, 2015 | 66% |
| D.A.V Public School, Jamshedpur | Matriculation | March, 2012 | 7.6 |

**Work Experience**

**ENGINEER at APTEAN** *[OCT 2020-Present]*

**Description:** Experience on Azure Kubernetes, Containers, Container Registries, Container Orchestration, Nodes, Pods, Workloads, Storage and Persistence. Currently working as Engineer in a MES (Manufacturing Execution System) project, Aptean Process Manufacturing OEE (APMOEE) which is built upon Tomcat, Esper, Erlang, RabbitMQ and Hazelcast and deployed onto multiple nodes AKS cluster.

* Manage full application stacks with **Azure cloud-based computing environments**.
* Improved **monitoring process** and regular maintenance checks which in turn **reduced server downtime**.
* Analyze metrics to **identify bottlenecks and improve performance**.
* Work closely with business executives to **develop cloud solutions** that would lead to **better client satisfaction**.
* Knowledge on **Azure Kubernetes**, **Containers**, Container Registries, **Container Orchestration**, **Nodes, Pods, Workloads**, Services, Networking, Storage and Persistence.
* Experience in **Azure Cloud**, **Kubernetes**, **Docker**, **Containerization**, Virtualization, Lens IDE, **Azure CLI,** Bash, **kubectl**, CI/CD.
* Supported **production environment** including **Monitoring application**, resolving any **production- related,** and **functional issues.**
* Oversee the **continuous integration** of our server technologies.
* Exposure on updating components parameters in **K8s YAML configuration file** for a **Kubernetes namespaces**.
* Involved in **setting up test environments** from scratch **on AKS** having same configuration as

## production environments.

* Knowledge on applying SSL certificates in the test & production environment.
* Developed a bash script which can be executed to take thread & heap dumps for every specified set of interval of time.

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# Technical Skills

* Programming Languages: **Go, Python, Java**
* Cloud Service Providers: **Azure, AWS, OpenStack**
* Containerization Platform: **AKS(Azure Kubernetes Service), Docker**
* Development and Operations Skills: **(CI/CD), Azure, Docker and Jenkins**
* Database Skills: **Microsoft SQL Server (SSMS), SQL, MongoDB**
* Application/Web Server: **Apache Tomcat**
* Version Control: **Team Foundation Server (TFS) / Git, GitHub**
* CLI: **Azure CLI, kubectl, Bash**
* Operating System: **Linux, Windows**
* IDE’s: **Azure DevOps (Project Management), Visual Studio, Visual Studio Code**
* Debugging Tools**:** **Chrome Developer, Edge Developer Tools**

# Projects

## [Digital CV](https://aazim-digital-cv.onrender.com/) -- Digital Resume using Python & Streamlit

## [Digital Portfolio](https://aazim-portfolio.onrender.com/) -- Digital Portfolio using JavaScript

## [Go-serverless-aws](https://github.com/aazim-github/go-serverless-aws) -- Serverless stack using Golang, API Gateway, Lambda & DynamoDB

## [Go-email-checker-tool](https://github.com/aazim-github/email-checker-tool) -- Email Checker tool using Golang

## [Go-movies-crud](https://github.com/aazim-github/go-movies-crud) -- Movies project with CRUD operations using Golang

## [Go-slack-age-bot](https://github.com/aazim-github/slack-age-bot) -- Age Bot integrated with Slack using Golang

## [Go-slack-file-bot](https://github.com/aazim-github/slack-file-bot) -- File Upload Bot integrated with Slack using Golang

# Certifications

## [Microsoft Certified Azure Developer Associate: Developing Solutions for Microsoft Azure (AZ- 204)](https://www.credly.com/badges/8e28bc8a-62c7-4585-9c08-17ca34107c7e/public_url)

* [Microsoft Certified Azure Administrator Associate (**AZ-104**)](https://www.credly.com/badges/f69afe2d-143a-4ad4-8b10-a2e6cf382b9b/public_url)
* [Microsoft Certified Azure Cloud Fundamentals (**AZ-900**)](https://www.credly.com/badges/58fcca97-d8da-4ca6-9f93-92684d30f46f/public_url)

**Declaration**

I hereby declare that the information furnished above is true to the best of my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

AAZIM ATHAR