



Syed Mustafa Imam

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ABOUT ME

Highly accomplished DevOps Engineer with a **silver medal** in BSCS and notable achievements in global competitions and hackathons. Proficient in **DevOps** practices, cloud and on-premises infrastructure management, and utilizing tools such as AWS, Azure, Docker, and GitLab. Skilled in Infrastructure as Code (IaC) using Terraform and Ansible for efficient provisioning and scaling.

WORK EXPERIENCE

DevOps Engineer

Nayapay [08/01/2022 – Current]

City: Karachi

Country: Pakistan

- **Multiple Site Cluster Setup of Apache Kafka:** Orchestrated the setup of a high-availability Apache Kafka cluster spanning multiple sites. Implemented ETL processes to extract data from Oracle DB and efficiently load it into Mongo DB, ensuring seamless data migration.
- **Gitlab HA Cluster Setup:** Engineered a highly available Gitlab cluster with custom scripts to enable mirroring. Designed and implemented a fault-tolerant setup to ensure continuous integration, version control, and efficient collaboration among development teams.
- **Selenium and OpenCV Automation:** Developed bots using Selenium and OpenCV to automate various day-to-day activities, streamlining repetitive tasks and enhancing productivity. Leveraged visual recognition capabilities to interact with user interfaces, perform data extraction, and execute test scripts.
- **Private Cloud Infrastructure Management:** Successfully managed a private cloud infrastructure, overseeing resource allocation, scalability, and security. Leveraged tools and technologies such as OpenStack, VMware, and Kubernetes to optimize infrastructure utilization and ensure high availability of services.

DevOps Trainee

Nayapay [05/10/2022 – 07/01/2023]

City: Karachi

Country: Pakistan

- Setup **Radius server** with Google's 2FA
- Created **Ansible** scripts for DR **automation**
- Developed **bash** and **python** scripts for day-to-day tasks
- Worked with monitoring tools such as **CheckMK, PRTG, Graphana, ELK**
- Managed the infrastructure.

DIGITAL SKILLS

Programming Languages

Java / Javascript / Python / Bash

Databases

Oracle / NoSQL (MongoDB) / SQL (MySQL)

Operating System

windows os / Linux platforms (Debian, Ubuntu, RHEL, CentOS, SLES, Oracle Linux, Alpine)

Operations Tools

Load balancing / GIT & Github / Apache Kafka / CICD pipelines / Python/Anaconda / Monitoring(Prometheus,Grafana,InfluxDB, Nagios,CheckMK) / LAMP Stack / Jenkins Ansible Docker AWS / Tomcat / Nginx / Kubernetes

Virtualization

VMware ESXi , VMware vSphere Client / Xen / Apache Cloudstack / Docker

Cloud

AWS / GCP / Oracle Cloud / Azure

EDUCATION AND TRAINING

Bachelor's of Computer Science

Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST) [01/10/2018 – 07/09/2022]

Address: Karachi (Pakistan)

Website: <https://www.szabist.edu.pk/>

Field(s) of study: Computer Science

Final grade: CGPA: 3.89 (Silver Medalist)

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals

[30/05/2022 – Current]

Link: https://www.credly.com/badges/7cf8bf22-29eb-44fe-92c9-052285b3f88d/public_url

AWS Academy Cloud Foundations

[11/03/2022 – 26/05/2022]

Link: https://www.credly.com/badges/d0d02126-fd51-4a11-93aa-5c05f0f91bc6/public_url

HONOURS AND AWARDS

Silver Medalist - BSCS

Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST) [01/05/2023]

I am honored to have been awarded a Silver Medal for achieving a remarkable **3.89 CGPA** throughout my four-year degree in Computer Science.

Merit Scholarship - 1st Position

Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST) [05/12/2020]

I have got **Merit Scholarship** in 1st, 2nd, and 3rd year.

Innovation Challenge - Winner

ASME (American Society Of Mechanical Engineers) [01/09/2020]

This was the innovation competition organized by ASME, in which **13 countries** participated and among them, my Microsoft hololens project was the one that got selected. Also, I was the first one to develop an application for Mixed reality in my university.

Link: [https://web.facebook.com/plugins/post.php?](https://web.facebook.com/plugins/post.php?href=https%3A%2F%2Fweb.facebook.com%2Fszabistofficial%2Fposts%2F3341589772590084&rdc=1&rdc)

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#BuildwithAI Global Hack: 4th Position

Hackmakers [01/08/2020]

The #BuildwithAI Global Hack is a bi-annual global hackathon centered around the application of best-practice data science and artificial intelligence processes to **address global challenges**.

Link: <https://youtu.be/R3PnLShczq4>