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| **SHUBHAM SINGH** |

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# CLOUD ENGINEER || CROWE

# (February 2020 - Present)

Aspiring Cloud Engineer who strongly values continuous learning and professional growth. I actively contribute to the development of others by leveraging my skills as a team player. My experience primarily lies in Azure Cloud and DevOps. Currently, I am expanding my knowledge in Python, SQL and Power BI. I enjoy employing critical thinking to deconstruct complexity and select the optimal approach to solve problems & timely deliverables for client.

# WORK EXPERIENCE (3+ Years of experience)

**Project 1) Web Development**

* Developed custom CRM, eliminating the need for intermediaries between metal industries and customers (my roles include) :
* Build **Docker** file & implemented **CI/CD pipeline** using Azure DevOps to enable continues integration & delivery between Git repository & Azure Container Registry (**ACR**) which resulted in deploying image over Web Apps & Azure **Kubernetes**.
* Oversaw and managed both the pipelines and the Azure Resources.

**Project 2) IOT :Proof of concept**

* Implemented a proof of concept for an IOT simulation project, storing telemetry data provided by IOT sensors to Azure Storage (my roles ):
* Build **Docker** file & implemented **CI/CD** pipeline using Azure DevOps to enable continues integration & delivery between Git repository & Azure Container Registry (**ACR**) which resulted in deploying package to Sensor.
* Collected data from Sensor to store it in Azure Storage as well as oversaw and managed pipelines, Azure Container Registry (ACR) and Azure Storage.

**Project 3) Geo-blocking**

* **Managed** and **developed** a client project involving the automation of geo-blocking for more than 1000 websites. Utilized Azure Frontdoor, ARM Templates and **App Services** for implementation.
* **Automated** the deployment of Azure resources by implementing CI/CD using Azure DevOps. The automation not only reduced deployment time but also standardized the process, resulting in improved outcomes.
* Effectively oversee a team, ensuring timely delivery of work while closely monitoring their progress.

**Project 4) Data Transformation**

* Oversee Agile/Scrum processes, facilitate cross-functional collaboration, develop cloud strategies, report to stakeholders, and deliver optimal solutions to meet client requirements.
* Acquired knowledge in Python and SQL for **data transformation** in Power BI reports, providing a better understanding for client.
* **Constructed and managed** Synapse pipelines to facilitate streamlined data deployment processes, leveraging Azure Synapse, Azure Data Lake Storage, VMs, and KeyVault.
* **Implemented** **Row-Level Security** (RLS) in Power BI model to **enhance data security.**
* Encompassing troubleshooting tasks for multiple clients.

**Other:**

* Developed a **real-time notification system** to deliver critical message via IOT Device.
* Monitored & maintained effective communication with Quality Assurance team to ensure best approaches were used for testing.

# Skills & Abilities

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| * Azure Cloud * Azure DevOps * ( Ci / Cd / ARM ) * Git * Docker * Automation * Python * Sql * Power Bi | * Critical Thinking * Leadership * Competitive * Disciplined * Communication * Team Player * Problem Solver * Strategic Analysis * Enthusiasm |

# Position of Responsibility: As a Lead Cloud Engineer, my daily responsibilities include:

* Administer all Agile/Scrum processes including sprint planning, daily scrums, sprint review & retrospectives.
* Encompassing troubleshooting tasks for multiple clients.
* Experienced in handling clients to comprehend their requirements and offer optimal solutions for project delivery
* Effectively oversee a team, ensuring timely delivery of work while closely monitoring their progress.
* Delivering project reports to the Project Manager & stakeholders.
* Collaborate with cross-functional teams to gather business requirements, provide technical guidance & develop cloud strategies aligned with organizational objectives.
* Facilitate test driven development on all projects increasing quality.

# Languages:

* English | Hindi | German

# Extra Curricular:

* All India Inter University Athletics : AIR 14 , 2020
* School Sports & House Captain
* 2 U-19 Nationals: 1 Silver Medal: 2016
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* Selected for SGFI & SAI
* NCC | Debate Competition |
* 4 State Level Championship: 4Gold,1Bronze Medal