WALEED SHAHID

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Education

Bahria University Islamabad   **Sep. 2022 – Aug 2024**
Master of Science in Data Science (CGPA 3.5)   *Islamabad, Pakistan*

COMSATS University Islamabad   **Sep. 2017 – Aug 2021**
Bachelor of Science in Software Engineering (CGPA 3.01)   *Islamabad, Pakistan*

Experience

JET Health Solutions   **Feb 2024 – Currently Working**
Software Engineer   *Remote*

- Create APIs using microservice architecture and CQRS pattern to use them with Blazor on frontend.
- Implemented authentication using KeyCloack.
- Created frontend of an Agency Management System using Blazor and Microservices.
- Implemented CosmosDB integration with .NET 8 using both Azure SDK and Ef Core.
- Implemented Multi-tenancy in the Agency Management System's microservices.

Logic Powered Solutions   **Aug 2020 – Feb 2024**
Software Engineer   *Islamabad, Pakistan*

- Created backend API in dotnet core for an angular application using micro-services architecture.
- Implemented 2FA using AWS Cognito.
- Created EC2 instances and worked with S3 buckets, CloudWatch and Elastic Container Service in AWS.
- Implemented MFA using Auth0 and Azure keyvault variables.
- Created an application to be used through Azure marketplace by subscription management using their endpoint mechanism.

Junior Software Engineer   *Islamabad, Pakistan*

- Implemented PDF reader and generator in .NET core application.
- Created APIs for third-parties and consumed APIs from third- parties in dotnet core using clean architecture.
- Implementing authentication and authorization using session cookie and JWT.
- Implementing web scrapping using python for an e-commerce plugin.
- Created Pipeline for auto-deployment of a web application in Microsoft Azure Resource Group.
- Implemented an Azure Kubernetes cluster and created pods using docker and Kubernetes for Machine Learning.
- Created a power automate based automated flow for Microsoft Planner tasks to be dumped in an azure blob for constructing different reports and charts in power BI.

Projects

CPIG based oil & gas pipeline data manipulation website | *.NET, Angular, Azure*   **January 2022**

- Implemented Azure resource connection within application.
- Managed large databases and implemented stored procedures.
- Implemented Auth0 for 2FA and CI/CD for deployments.

System for Psychological Assessments and Surveys | *.NET Core (Micro-services, Angular, AWS*   **November 2022**

- Managed authentication and authorization in tokenless surveys having 2FA enabled.
- Implemented AWS Cognito for 2FA.
- Implemented CI/CD on AWS for deployments.

Extension for product comparison on different online stores | *Python, Angular, Scrapping*   **January 2022**

- Create a webscrapper in python to scrape data from different online stores based on product names
- Comparing these prices and providing users with the five best deals they can get on different stores including ebay, Amazon etc.
- Converting the scraping script to a REST API using Flask so it can be integrated with Angular on frontend.

Technical Skills

Languages: Python, C#, HTML/CSS, JavaScript, SQL
Frameworks: ASP .NET, ASP .NET Core, Django, Flask, React
DevOps/Version Control: Azure, AWS, Jenkins, Github