

Syed Asif MN



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PROFILE

With 4 years of industry experience, I operate at the intersection of product, growth, and data. Currently, I'm focused on building accessible, human-centered products. Creative, collaborative, responsible, meticulous and an avid multitasker.

SKILLS

- **Web Dev:** Angular, ReactJS, Streamlit
- **Backend:** C#, .NET, Flask, Python
- **Databases:** MySQL, MongoDB
- **Cloud:** AWS, Azure DevOps
- **Containerization:** Docker
- **Data Processing:** Apache Spark, Kafka
- **Data Visualization:** Microsoft Power BI

EDUCATION

P.G certificate in Software Engineering for Data Science, 2022 - 2023

International Institute of Information Technology, Hyderabad

B.E In Electronics and Communication, 2016 – 2020

JSS Science and Technology University, Mysuru

CGPA: 9.13/10

PUBLICATIONS

Indoor Navigation Assistant for Visually Impaired (INAVI)

International Conference on Communication, Computing and Electronics Systems.

https://doi.org/10.1007/978-981-33-4909-4_17

SPECIALIZATIONS AND CERTIFICATIONS

- The Bible of Competitive Programming & Coding Interviews *Udemy*
- IoT and Embedded Systems Workshop *KEONICS*
- Deep Learning *DeepLearning.AI*
- AWS Machine Learning Foundations 2022 *Udacity*
- Data Structures & Algorithms *Udacity*
- Python Essential Training *LinkedIn Learning*
- Machine Learning with Python: Foundations *LinkedIn Learning*

WORK EXPERIENCE

Design And Development Engineer

Siemens Healthineers, Gold Hill Supreme Park 2, Electronic City, Bengaluru
September 2020 - Present

- Developed and maintained Solution-level Defects/Metrics/Feature Analytics Data reports. Tech stack: **Python, Azure Services, Microsoft Power BI, MS Excel.**
- Implemented modular architecture for OSD Configurator and PED subsystems for ARTIS product line using **Angular framework (TS)** with **NgRx** library.
- Contributed to **.NET**-based server code, involving **MySQL** database integration.
- Automated the Subsystem integration tests for server and client using **Selenium** and **Specflow (BDD).**
- Involved in cross-functional team discussions and contributed to Design and Functional specifications documents using **Enterprise Architect** and **SAP.**
- Skilled in designing and implementing **Azure build pipelines.**
- Proficient in **Scaled Agile methodologies** and **clean code principles.**
- Mentoring team by conducting workshops and knowledge transfer sessions.

Intern

Siemens Healthineers, Gold Hill Supreme Park 2, Electronic City, Bengaluru
January 2020 – May 2020

- Automated On Screen display subsystem using **Python** and **Selenium**, significantly reducing manual testing efforts.

PROJECTS

XAI using H2O

[/explainable-AI-using-H2O](#)

Explainability of different H2O bike rental prediction models.

Housing Price Prediction

[/housing-price-prediction](#)

Dataset: New York Housing dataset. Tech & Tools: **PySpark, AWS EC2, Ubuntu.**

Breast Cancer Type Prediction

[/breast-cancer-type-prediction](#)

Flask based microservice to serve breast cancer type prediction model

unfold

[unfold.stackblitz.io](#)

An open-source full-stack code generator. Tech & Tools: **Angular, Django, MySQL.**

best

[best-lyrics.stackblitz.io](#)

Minimal UI for curated English song lyrics. Tech & Tools: **ReactJS, Glitch**

Titanic Shipwreck Survival Prediction [/titanic-shipwreck-survival-prediction](#)

Tech & Tools: **KNN** classifier, model versioning with **mlflow.**

IOT Devices Data Analysis

[/iot-devices-data-analysis](#)

Tech & Tools: **Spark SQL.**

PCA and LDA

[/pca-and-lda](#)

High dimensional data visualization with PCA, LDA. Tech & Tools: **Pandas, Sklearn, Seaborn**

Explore all of my projects on my GitHub repository:

<https://github.com/syed-asif-mn>

EXTRA CURRICULUM

- Winner: IIITH, PGCEDES Hackathon - 2022
- Finalist: Hackerearth Aerothon hackathon
- Volunteer: 'Save The Child' NGO, 'Project Rise' NGO (2018-20), SHPL Veteran ERG.
- Served as school head (2013-14) and college head (2015-16)