

# SYED ASIF M.N

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## PROFILE SUMMARY

With four years of industry experience at the intersection of product, growth, and data, focused on developing accessible, human-centered products. Recognized for a creative and collaborative approach, strong sense of responsibility, and meticulous attention to detail, while driving innovative solutions.

## SKILLS

- Web: Angular, React, Streamlit, JS, HTML, CSS
- Backend: C#, .NET, Flask, Python, Node
- 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](https://doi.org/10.1007/978-981-33-4909-4_17)

## SPECIALIZATIONS AND CERTIFICATIONS

- Data Structures & Algorithms Udacity
- Foundations of Front-End Web Development Udemy
- ES6 Udacity
- AWS Machine Learning Foundations 2022 Udacity
- Final Exam: Scrum Product Owner Skillsoft
- The Bible of Competitive Programming Udemy
- AI on cloud Great Learning
- Deep Learning DeepLearning.ai
- IoT and Embedded Systems Workshop Keonics

## EXTRA CURRICULUM

- Awarded 'Star of the Sprints 2024' for professional contributions.
- Winner: IIITH, PGCEDS Hackathon (2022).  
Finalist: Hackerearth Aerothon (2023)
- Volunteer: 'Save The Child' NGO, 'Project Rise' NGO (2018-20), SHPL Veteran ERG.
- Served as school head and college head.

## WORK EXPERIENCE

### Design And Development Engineer, Siemens Healthineers

September 2020 - Present

- Implemented modular architecture for OSD Configurator and PED subsystems for ARTIS product line using **Node**, **Angular (Typescript)** with **NgRx** library.
- Developed and maintained Solution-level Defects/Metrics/Feature Analytics Data reports. Tech stack: **Python**, **Azure Services**, **Microsoft Power BI**, **MS Excel**.
- Contributed to **.NET** server code with **MySQL** integration via **Fluent NHibernate**.
- Automated server and client SSIT using **Selenium** and **Specflow (BDD)**.
- Involved in cross-functional team discussions and contributed to specifications documentation using **Enterprise Architect**, **SAP** and **Polarion**.
- Skilled in designing and implementing **Azure CI/CD build pipelines**.
- Proficient in **Scaled Agile methodologies** and **clean code principles**.
- Mentoring team by conducting workshops and knowledge transfer sessions.
- Developed '**Brain AVM Analyzer**' algorithm using U-Net Deep learning model.

### Intern, Siemens Healthineers

January 2020 – May 2020

- Automated On Screen display subsystem using **C#**, **Python** and **Selenium**, reducing manual testing efforts by about 90%

## PROJECTS

### Voter-CRM

[/Voter-CRM](#)

Web application for IIITH's Voter CRM Project. Tech & Tools: **AWS**, **Ubuntu**, **Streamlit**.

### 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**.

### Solar System Tour

[planets-gsap.vercel.app](#)

Supported for Desktops. Tech & Tools: **Vercel**, **GSAP**, **JS**, **HTML**, **CSS3**.

### Periodic Table

[elements-table.vercel.app](#)

Tech & Tools: **Angular 8**, **Node**.

### E-Commerce Firm Data Analysis

[/data-analysis-with-MongoDB](#)

Tech & Tools: **MongoDB**, **Compass**

### IOT Devices Data Analysis

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

Tech & Tools: **Spark SQL**.

### Explainable AI using H2O

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

Explainability of different H2O bike rental prediction models. Tech & Tools: **H2O**, **Kaggle**

### PCA and LDA

[/pca-and-lda](#)

High dimensional data analysis with PCA and LDA. Tech & Tools: **Pandas**, **SkLearn**, **Seaborn**

### RSA for Signature Verification

[/RSA-for-signature-verification](#)

Tech & Tools: **Kaggle**, **pycryptodome**

Explore all my projects on GitHub: <https://github.com/syed-asif-mn>