

Syed Asif MN



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#10/10, Race Course Road,
Madikeri, Karnataka

PROFILE

Software craftsman skilled at providing effective solutions that produce immediate impact and contribute to the organization's long-term success. Creative, collaborative, responsible, meticulous and an avid multitasker.

EDUCATION

P.G certificate in Software Engineering for Data Science

The International Institute of Information Technology, Hyderabad (IIIT-H)
(April 2022 – Present)

B.E In Electronics and Communication (2016 – 2020)

JSS Science and Technology University, Mysuru
CGPA: 9.13/10

XII (Senior Secondary - PCMB), 2016

Karnataka State PU Board
St. Michael's PU College, Madikeri
Percentage: 94.80 %

X (Secondary), 2014

CBSE Board
A L G Crescent School, Madikeri
CGPA: 9.8/10

SKILLS

Python
Angular
MySQL
Flask
C#
JavaScript, HTML, CSS
Automated testing, Web Scraping
C++
React
Java

EXTRA CURRICULUM

- Finalist in Hackerearth Aerothon hackathon
- Volunteer in 'Save The Child' NGO
- Participating and moderating coding dojos periodically
- Volunteered in 'Project Rise' NGO (2018-20)
- Served as school leader in class X
- Participated and won prizes in several quiz competitions

WORK EXPERIENCE

Software Developer

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

Actively involved in designing and developing OSD Configurator and Position list editor subsystems in SDET environment using AGILE methodology.

Tech stack: .NET framework, Angular (Version 12), Specflow, Selenium

Intern

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

Automated UI testing of OSD subsystem

Tech stack: Python, Selenium

PROJECTS

unfold

unfold.stackblitz.io

An open-source full-stack code generator built using **Angular**, **Django** and **MySQL**. Supports native languages.

Periodic Table

periodic-table-angular.vercel.app

Periodic table, element details, filters, and an element search bar – all in a single webpage. Built using **Angular**.

Explore

syed-asif-mn/planets-gsap (github.com)

Brief on the sun and the planets. Developed with **JavaScript**, **HTML** and **CSS**. Images and 3D models taken from NASA and animated using **GSAP** library.

best

best-lyrics.stackblitz.io

Written in **React JS**, best provides a minimal UI for curated English song lyrics. Adding favorites, lyrics search and contribute functionality is integrated into the application. The lyrics database is hosted on Glitch.

Indoor Navigation Assistant for Visually Impaired (INAVI)

A cost-effective, autonomous system capable of indoor positioning and navigation, developed using **Node MCU**. The system utilizes **Trilateration** and **Dijkstra's algorithm** to meet the objectives.

Hangman

syed-asif-mn/hangman-python-sqlite3 (github.com)

Classic hangman for **Python** CLI. Powered by **SQLite** database.

PUBLICATIONS

Indoor Navigation Assistant for Visually Impaired (INAVI)

Mahadevaswamy, U.B., Aashritha, D., Joshi, N.S., Naina Gowda, K.N., Syed Asif, M.N. (2021). Indoor Navigation Assistant for Visually Impaired (INAVI). In: Bindhu, V., Tavares, J.M.R.S., Boulogeorgos, A.A., Vuppapapati, C. (eds) *International Conference on Communication, Computing and Electronics Systems. Lecture Notes in Electrical Engineering*, vol 733. Springer, Singapore. https://doi.org/10.1007/978-981-33-4909-4_17

SPECIALIZATIONS AND CERTIFICATIONS

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