

MEHAFOOZ ALI KHAN PATTAN

Software Engineer

✉ mehafoozalikhan@gmail.com
🌐 mehafoozalikhan.in

📞 9849255880

📍 Guntur, Andhra Pradesh, India

🌐 mehafoozalikhan

🔗 Mehafooz

EXPERIENCE

Software Engineer

NielsenIQ

📅 Jul 2022 – Present

📍 Pune, Maharashtra, India

- Working as a Front end developer in Chart Library Team, Responsible for the development of reusable chart components, integral to the entire organization's data visualization strategy, and a cornerstone of NIQ's core UI infrastructure.
- Leveraged cutting-edge technologies, including Angular 12 and D3.js, to architect and refine interactive and visually compelling data visualization solutions.
- Spearheaded the migration from NVD3 to Highcharts, achieving 80% faster rendering for datasets with 10,000+ points.
- Implemented the custom charts using Highcharts framework like BoxChart, Overlapping charts for some specific reports.
- Revamped the legacy regression test suite, a screenshot-based comparison test that helps developers identify regression issues caused by their changes.
- Minimized the test suite runtime by creating scripts to run only the test cases for specific charts affected by changes, instead of executing the entire suite. Additionally, enabled developers to run specific test case files of their choice.
- Actively participated in optimizing the translation process across the application by storing translations in a CMS instead of maintaining them in the i18n folder of each project's GitHub repository individually.

Undergraduate Teaching Assistant

SRM University AP-Amaravati

📅 Jun 2019 – March 2020

📍 Amaravati, India

- Teaching Assistant for python and Statistics Course using Minerva platform which was very interesting and interactive like flipped classrooms.

EDUCATION

Bachelor Of Technology, Computer Science Engineering

SRM University AP-Amaravati

📅 Jun 2018 – Jun 2022

📍 Amaravati, India

- Current CGPA :9.35/10

SKILLS

C++

Python

Data Structures & Algorithms

Machine Learning

Html

css

Bootstrap

Mysql

Angular

Highcharts

D3js

PROJECTS

SRM AP Chat bot

SRM University AP-Amaravati

📅 Sept 2018

📍 Amaravati, India

- It is a chatbot which is developed and integrated in telegram using dialogflow. It is the main aim to provide basic information about the university during admission to students and as well as parents.

Drowsiness Detection Alarm

SRM University AP-Amaravati

📅 Jul 2019

📍 Amaravati, India

- Drowsiness is the main cause of accidents during the night time journey, so I have done this using python and open cv, which can detect the drowsiness and alert with alarm until we become active.

TechFest Website

SRM University AP-Amaravati

📅 Jun 2020

📍 Amaravati, India

- Designed Techfest website using Html, css, mysql as my mini project for Web Development course, where users can see the events in that techfest and if they are interested then they can register for that event and get their ticket and attend that event.

ACHIEVEMENTS



Third Runner Up of Discover Hackathon

Held by NIQ during Discover Hackathon May 2023



Winner of Art of circuit Debugging

Held by SRM University AP during TechFest 2019



Winner of Multisim Master

Held by SRM University AP during TechFest 2018

CERTIFICATIONS

- Machine learning by Stanford University in Coursera.