Syed Jafer

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EDUCATION

- **St. Joseph's Institute of Technology** — Chennai, India
  Bachelor of Technology - Information Technology; GPA: 7.73 — *July 2015 - June 2019*
  Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Databases*

SKILLS SUMMARY

- **Languages**: Python, JavaScript, SQL, Java
- **Frameworks**: Django, Flask, NodeJS, Pandas, Angular, PyQt5, Ionic, Postgresql, Redis, MongoDb
- **Tools**: Docker, GIT, PostgreSQL, MySQL, QGis
- **Platforms**: Linux, Web, Windows, AWS, GCP
- **Deployment**: Linux, Windows, Heroku, Pythonanywhere

EXPERIENCE

- **Infosys Limited**
  Systems Engineer (Full-time) — *Sep 2019 - Present*
  - **Network Design Tool**: Automation of network design based on the landscape of the given ADA or SAM
  - **Portal Creation**: Transformation of excel based network submission management to a web application.
  - **Incident Management**: Automated the incident management using python, selenium.

- **Fiveminute** — Remote
  Automation Programmer (Internship) — *Nov 2018 - July 2019*
  - **Agricultural Price Prediction**: Mentoring a group of students on prediction of the agricultural price with petrol and weather of a place.
  - **Agricultural Calculator**: Single handedly created and deployed a calculator application where a user can give a commodity and pincode to get the market price in the nearby 5 markets.

PROJECTS

- **Network Design - An Automatic Network Designer (Optimized Path Finding, Map Layer Processing, MapInfo, Desktop Tool)**: (Work in progress) Design Creation with the mapinfo layers for both underground and aerial with supporting report generations, removal and merging of the ada data. Tech: Python, GDAL, PyQt5, networkx (November '20)

- **Network Design Management (Web Development)**: Transformation of the traditional excel based management into a centralized web application with continous archiving and deploying the same in windows server. Tech: Python, NodeJS, Angular (January '20)

- **Automated the Incident Management Portal(Selenium)**: Managing and closing the incidents based on the configurable rules and reporting the same. Tech: Python, Selenium (November '19)

- **Agricultural Price Prediction(Web Development, Machine Learning)**: (Work in Progress)Creating a ML Model to predict the price of Agricultural Commodity based on the petrol price and weather data for all over india and implementing the same. Tech: Python, Keras (September '18)

- **Dr. Recruitment Tool**: Created a web application to locate health center and recruit doctors based on district workforce shortage for Australia. Tech: Python, Django API, Angular, JqueryUI, Postgresql (Jan '20)

- **Day With Algorithm**: (Work in progress)An Wordpress blog, where a blog on algorithm, data science, machine learning, data mining and coding problem. Tech: Wordpress (Jan '20)

- **Data Scraping**: Created several data scraping scripts on collecting agricultural data, oil data, weather data, doctors data(All Over World) which are open to public on a continous basis Tech: Scrapy, BeautifulSoup (Jan '20)

PUBLICATIONS

- **White Paper: A Novel Content Detection Approach for Handwritten English letters (Deep Learning)**: Tech: Python, Tensorflow (January '20)

HONORS AND AWARDS

- Insta Award - August, 2021
- Awarded Rookie of the Quarter - March, 2021
- Special Recognition Award from NBN Australia - March, 2020