

Mohammad Abdul Rafay

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OBJECTIVE

Looking for a challenging role in a reputable organization to utilize my technical, database, and management skills for the growth of the organization as well as to enhance my knowledge about new and emerging trends in the field of Machine Learning and Web Development.

WORK EXPERIENCE

04/2018 - 04/2019

Octal Beast: Desktop Application

Responsibilities:

- Keep the teamwork flow.
- Preparing Documents for developing Desktop Applications.
- Coding Desktop Applications.

05/2019 – 06/2019

Strive Trust Organization:

- In this organization was working as the Team Lead and helped organization to get the required funds.

03/2020 – 05/2022

Internship, Innvativity Software House, Islamabad

- Internship in Android Application Design & Code multiple applications.

Shaigan Pharmaceuticals, IT Management, Islamabad

- In this organization I was have multiple responsibilities such as
- Configuration System, Trouble Shooting and Problem Solving.
- Keep the system running in multiple departments.

09/2022 – Now

Swan Technologies, Web Developer & Machine Learning Engineer, NUST Islamabad

- I am working as a full-stack web developer and a machine learning engineer.
- My work as a machine learning engineer is to analyze data sets, test them, and train different machine learning models.
- Once the models are trained and tested, we deploy different machine learning models so that they can be used in different projects.

- Creating and coding different UI for different Application.
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EDUCATION

2018 – 2022

Bachelor Degree of Software Engineering, Capital

University of Science and Technology

- I got 3.0 CGPA in my university.

2016-2017

College Degree in Computer Sciences, Punjab Group of College

- I got 650 marks out of 1100 Scores
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SKILLS

Programming: C++, SQL, HTML, Python, JavaScript, CSS, Shell Script, Java, C#, Rust, Haskell, Php, PowerShell.

Application Designing: Requirement Gathering, Database Design, System Architecture Design.

Domain: Web Development, Linux Administrator, Machine Learning, Shell Scripting Applications

Projects:

Smart Parking Assistant System:

- This is the FYP (Final Year Project).
- Using Multiple IOT components getting live data and then Transmitting live value to a website and Android Application.
- Once all of the data has been collected, we will use a machine learning model to determine which locations are hot on a specific day and time.
- In addition, our machine learning algorithm will inform you if there is a need to increase your parking space or not.
- In this project, for our front-end, we used HTML, Bootstrap, and JavaScript, for our machine learning model, we used Python, and for our backend, we used SQL.

Samsung Innovation Campus Project:

- In this Project, we used multiple Datasets to predict whether there are abusive phases in the context. If there are then model will tell yes if not the No.
- We design and coded this application using Python Programming Language.

Shopping Website:

- Using Multiple Programming Languages develop a stunning looking website using HTML, Bootstrap, PHP, SQL.

Bot Class Taker:

- During the time of Covid-19 all of the classes we going online, So solve this I designed a bot that will take my classes on Microsoft Teams.

One Power Website:

- Using multiple programming languages, I created a beautiful and stunning website for an organization called One Power PVT.
 - The programming language for this project was React, React Bootstrap, and JavaScript.
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Certification:

- Samsung Innovation Campus (AI)
- ICPC Coding Competition
- Appreciation Letter from Innvativity Organization
- Certificate of Appreciation from Strive Trust Organization
- IEEE Speed Programming Winner 2nd Place.