

AMNA MUBARAK

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As a senior year student at FAST, I possess a diverse range of skills that make me adaptable and well-prepared to work in various domains. With a keen interest in data science and a background in software engineering, I have developed proficiency in multiple areas. Here is the link of my portfolio website
https://amnamubarak.github.io/my_portfolio/

EDUCATION

BS SOFTWARE ENGINEERING

FAST NUCES KHI, 2020-2024

Courses:

- Software Quality Engineering
- Software Requirement Engineering
- Software Construction and Development
- Database Design
- Computer Networks
- Blockchain and Cryptocurrency

PERSONAL PROJECTS

E Recruitment (Big Data Project)

- Recruit and place top-tier applicants and applicants with appealing skill sets
- Allows the user to search for the desired domain worker
- To Abstract the relevant and irrelevant applications. [github link](#)

LIBRARY MANAGEMENT SYSTEM

- Full fledge web based dynamic project built to cater the students as well as the library admins.
- It is a Java based website built on Java JSP with SQL and tested by using Selenium. [github link](#)

Investigating Netflix Movies and Guest Stars in The Office

- Trained classification model on given datasets.
- Performed data cleaning, data manipulation, Exploratory Data Analysis to extract useful insights from raw data. [github link](#)

INTERESTS

Data Science | Web Development | DevOps |
Blockchain | Microsoft Azure | Generative AI |
Software Quality Assurance | Business Analytics

WORK EXPERIENCE

PYTHON DEVELOPMENT AND DATA SCIENCE INTERN

Love For Data, 06/2023 to 8/2023

- Developed a comprehensive **Django** website.
- Implemented **user authentication** for secure access.
- Introduced **role-based authorization** for varying user privileges.
- **Automated** numerous jobs to eliminate manual efforts.
- Wrote Python scripts to merge data from **MySQL Workbench** and **PostgreSQL** databases and performed analytics.
- Seamlessly connected and integrated two distinct databases.
- Stored the results of **data analytics** in a new, dedicated database.
- Successfully retrieved attendance and timesheet data from multiple sources.
- Implemented filters within the system to facilitate easy tracking of each employee's data.
- Enhanced the HR department's ability to monitor and manage employee attendance and timesheet information efficiently and effectively.

SKILLS

Languages

- Python, Java, C/C++, PHP, JavaScript

Libraries/Framework

- Django, Html/CSS, Bootstrap, REST API ReactJS, Numpy, Pandas, Seaborn, Matplotlib, Springboot

Productivity

- Git, Github, Visual Studio, Visual Studio Code

Databases/Tools

- MySQL, PostgreSQL, PowerBI, Tableau

CERTIFICATES

- Data Analyst with Python Track -issued by [DataCamp](#)
- Data Science Boot camp -issued by [GDSC FAST](#)
- Image Processing with Python -issued by [DataCamp](#)

ACHIEVEMENTS

- 2nd Position in Data Science Competition [@ITEC'22 NED UET](#)
- Silver Medalist on Leadership Board [@DataCamp](#)
- Founder and Chair-Person [@Fast Data Science Society](#)
- Head of Data Science Competition [@Systems Developer's Day](#)