

AISHA MASROOR

SOFTWARE ENGINEER

OBJECTIVE

Highly motivated and Software Engineer student I am seeking an opportunity to learn and grow as a skilled software developer. I aim to contribute my passion for innovation and dedication to creating high-quality applications within a dynamic and collaborative team.

EDUCATION

Usman Institute Of Technology
Affiliated With NED University
Bachelor's Degree in Software Engineering
2019 - 2023
CGPA 3.03

Gulshan College
Intermediate Pre-Engineering, Board of
Intermediate Education Karachi
2017 - 2019

SKILLS

- **Web Development**
Html, CSS, Bootstrap, Javascript, React, Firebase, Django.
- **UI/UX Designing**
Figma
- **DataBase Management**
MySQL, Oracle
- **Programming Language**
Python, OOP
- **Operating Systems:**
Windows
- **Version Control:**
Git

RELEVANT COURSEWORK:

- Data Warehousing
- Database Management Systems
- Introduction to Software Engineering
- Object oriented Programming

UI/UX DESIGN PORTFOLIO

Below is the given link of my design portfolio which I have created in **Figma**
<https://drive.google.com/drive/folders/1ZWwfOqv37oIYhngvnsOWIo7NyBCClt8W?usp=sharing>

PROJECTS

FINAL YEAR PROJECT

(Immediate First Aid for Heart Attack (IoT-Based Real-Time ECG Monitoring))

- Developed a wearable device to continuously monitor patient ECG data without causing discomfort.
- Implemented a logic to detect ST-segment deviations, a crucial indicator of potential heart attacks.
- Designed a user-friendly mobile application to display live ECG data and trigger alarms for abnormal readings.
- Securely stored real-time ECG data on Firebase, enabling historical data review for personalized treatment plans.
- Aims to revolutionize cardiac healthcare and improve patient outcomes through advanced technology and medical expertise.

HOME BUDGETING SYSTEM

- Developed a Home Budgeting System as part of the Object-Oriented Programming coursework, utilizing the Django Framework.
- Implemented a user-friendly web application to efficiently manage household expenses.
- Incorporated a feature for categorizing expenses, allowing users to classify their expenditures for better organization and analysis.
- Successfully implemented a robust total expense calculation feature, providing users with a comprehensive overview of their overall spending.
- Demonstrated proficiency in Django's Model-View-Template (MVT) architecture for effective separation of concerns and code organization.

TOURS GUIDE WEBSITE

- Created a Traveler's Guide website as a component of the Human Computer Interaction course.
- Utilized HTML, CSS, and Bootstrap to design an interactive and visually appealing website.
- Prioritized user experience by employing best practices in user interface (UI) and user experience (UX) design.
- <https://aishamasroor.github.io/The-Travellers-Website.github.io/>