SAMEEN AFZAL

COMPUTER SYSTEM ENGINEER

Contact

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Engr.sameen Afzal Ahmed

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Knowledge

- **software Development:** strong knowledge in Python, C/C++ and HTML,CSS,JS with its Frameworks
- **Software Quality Assurance:** A comprehensive understanding of testing methodologies and quality assurance practices
- **Computer Architecture:** In-depth understanding of computer architecture principles, including instruction set architectures (ISA), CPU design, cache memory, and memory hierarchy.
- **Networking and Communication:** Familiarity with network protocols (TCP/IP, UDP, DNS), communication interface like (UART)
- **Raspberry pi & Arduino:** Build innovative projects with raspberry pi and Arduino ,hand-on experience on it.
- **UI/UX:** Ability to create engaging infographics, logos, and branding materials to enhance the overall user experience
- **Operating Systems:** Knowledge of various operating systems, such as Windows, Linux and their process management
- **Data Analysis and Simulation:** Experience in using tools like MATLAB, Simulink, and simulation software to analyze and model system behavior and performance.
- **Circuit Design and PCB Layout:** Skills in designing electronic circuits, schematic capture, and PCB layout using Proteus software

Objective

Highly skilled and motivated Computer Systems Engineer with a strong background in IT looking for responsible position where my technical expertise and problem solving abilities use to design and optimize complex computer system operations for company.

Education

Bachelors in computer system
2019 - 2023
Usman Institue of Technology affiliated with NED

(HSSC-I-II) AND (SSC-I-II)
Pre-Engineering and Science group

Work Experience

The Synergates Business Solutions

web developer

- Manage website appearance, as well as its design layout with different tools and techniques.
- Collaborate with other development teams.

Soft Skills

Quick learner
●●●●●●●

Problem Solving
●●●●●○○

Creativity
●●●●●○○

Leadership
●●●●●○○

Hard Skills

Matlab
●●●●●●○

Proteus
●●●●●●○

Logisims
●●●●●●○

Packet Tracer
●●●●●●○

Autocad
●●●●●●○

Figma
●●●●●○○

Projects

- Rental Car reservation System using Oracle
- Traffic Clearance system for emergencies (Funded by Ignite NGIRI)
- Laser Light Security System
- Remote control LEDS for Home Automation
- Remote control Bluetooth Car

Certification & Awards

- Certified Mern stack Course
- Certified Image Processing course
- Certified Cyber security course
- Certified Hardware Projects Using Raspberry pi
- Certified Bluetooth robotic car
- The Hasham Foundation scholarship - based on 3.339 dedicated as Hardwork