Haroon Saleem
Student at National University of Sciences and Technology (NUST)

SUMMARY

Accomplished software engineer with a strong foundation in software development principles from a reputable institution, specializing in developing ERP systems and cross-platform applications. Instrumental in advancing system performance by 20% and expanding application support for over 100 users. Equipped with a year of practical experience in IT and systems, working with technologies such as Python, ASP.NET, Django, and React. Recognized for managing full software development cycles, ensuring successful project deliveries. Proficient in a variety of technical domains, with specific skills in MVC, custom website creation, iOS development, and system administration for diverse operating systems.

SKILLS

Main Technical Skills	Python, ASP.NET MVC Pattern, Django, React, Azure VM
AI & Machine Learning	Neural Networks
Programming Languages	Python, VBA
UI Frameworks, Libraries, and Browsers	Ant Design
.NET Platform	ASP.NET MVC Pattern, Identity Server, VBA
Python Frameworks	Django
JavaScript Frameworks	React
Databases & Management Systems / ORM	Data Lake
Azure Cloud Services	Azure Arm templates, Azure VM
Google Cloud Platform	GCE, Google Docs
SDK / API and Integrations	API
Platforms	Arduino

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Deployment, CI/CD & Administration	Azure Arm templates
Methodologies, Paradigms and Patterns	FDD, MVC
Virtualization, Containers and Orchestration	GCE
Mail / Network Protocols / Data transfer	OSI levels, WebRTC
Operating Systems	Unix
Other Technical Skills	ACF

WORK EXPERIENCE

Developer, Django Flow-bit Tailwind CSS Template Boilerplate

Duration: August 2024
Summary: Created a boilerplate template combining Django, Flow-bit, and Tailailwind CSS for scalable web applications through extensive testing and debugging.
Responsibilities: Ensured product validation and robustness
Technologies: Django, Flow-bit, Tailailwind CSS

Developer, Digital PID for Motor Speed Control

Duration: August 2024
Summary: Designed and implemented a Digital PID controller for motor speed control using Arduino, with real-time LCD display focusing on system debugging and validation.
Responsibilities: Emphasized debugging and system validation during development
Technologies: Arduino, LCD display

Developer, Python Operating Document Scanner

Duration: August 2024
Summary: Integrated and operated a document scanner using Python with a focus on resolving software issues and optimizing code for better performance.
Responsibilities: Focused on resolving software issues and optimizing code
Technologies: Python

Developer, STM32F103 and LCD 16x2 Water Level Indicator

Duration: August 2024
Summary: Developed a hardware-based water level indicator with real-time display using an STM32F103C8 micro-controller, ensuring accurate debugging and sensor validation.
Responsibilities: Focused on accurate debugging and sensor validation
Technologies: STM32F103C8 micro-controller, LCD 16x2

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Developer, STM32F103C8 8bit Adder, Subtractor, and Multiplier, Hardware Implementation

Duration: August 2024
Summary: Designed and implemented an 8-bit Adder, Subtractor, and Multiplier on PCB, conducting rigorous debugging and validation for precise arithmetic operations.
Responsibilities: Conducted rigorous debugging and validation
Technologies: STM32F103C8, PCB

Intern, Internship - VAST Engineering Dept.

Duration: June 2023 - September 2023 (4 months)
Summary: Gained hands-on experience with VSAT Network monitoring and troubleshooting, assisting in link establishment, testing, and coordination for network solutions.
Responsibilities: Hands-on VSAT Network monitoring, troubleshooting, and assisting in link establishment
Technologies: VSAT Network monitoring and troubleshooting

EDUCATION

- **National University of Sciences and Technology (NUST)**
  Not Provided
  2024 - 2026
- **Capital University of Science & Technology**
  Bachelor, Electrical and Computer Engineering
  August 2020 - August 2024