Muhammad Hammad

Date of birth: 05/05/1999 | **Nationality:** Pakistani | **Phone number:** (+92) 3321135331 (Mobile) | **Email address:**

hammadm059@gmail.com |

Address: Flat V-14, Noman Grand City, Block-17 Gulistan-e-Jauhar, 75290, Karachi, Pakistan (Home)

WORK EXPERIENCE

01/11/2022 – CURRENT Karachi, Pakistan
SOFTWARE ENGINEER HAWK ENGINEERING SERVICES

- Designing, developing, and implementing intuitive, user-friendly HMI interfaces, dashboards, and control panels using **React.js, and Electron.js**.
- Programming and configuring automation equipment and systems with **Python and JavaScript**..
- Troubleshooting and resolving issues related to automated processes.
- Collaborating with other engineers to integrate automation solutions with existing systems.
- Testing and validating automated systems to ensure functionality and reliability.

EDUCATION AND TRAINING

09/10/2023 – CURRENT Karachi
MASTER'S IN COMPUTER AND SCIENCE AND INFORMATION AND TECHNOLOGY NED University of Engineering Technology

Level in EQF EQF level 7 | **Thesis** Optimization of Demand Response in Microgrids using Generative Ai

25/10/2018 – 14/09/2022 Karachi, Pakistan
BACHELOR'S IN AUTOMOTIVE ENGINEERING NED University of Engineering Technology

Final grade 3.388 | **Level in EQF** EQF level 6 | **National classification** 6

16/08/2016 – 25/09/2018 Karachi, Pakistan
HIGHER SECONDARY SCHOOL CERTIFICATE Government Degree College

Final grade A | **Level in EQF** EQF level 4 | **National classification** 4

11/03/2014 – 06/08/2016 Karachi, Pakistan
SECONDARY SCHOOL CERTIFICATE Everest Grammar High School

Final grade A | **Level in EQF** EQF level 3 | **National classification** 3

LANGUAGE SKILLS

Mother tongue(s): **URDU**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	B1	B1	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Parse and RESTful backend APIs integration, JSON parsing | Programming Languages: JavaScript, Python | Frameworks & Libraries: React.js, Electron.js | Databases: Firebase, MySQL, MongoDB | Node.js / MERN

CERTIFICATIONS

18/04/2020
Python 3 Specialization

- Attained a strong command over Python syntax, data structures, and object-oriented programming principles.
- Gained expertise in handling and analyzing data using Python libraries such as NumPy, Pandas, and Matplotlib.
- Developed problem-solving skills by implementing algorithms and solving coding challenges.

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