

Muzammil

Computer Systems Engineer

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🌐 Muzammil Memon 🔗 Portfolio

PROFILE

Results-driven Computer Systems Engineer with a strong specialization in Human-Computer Interaction (HCI) and expertise in data science, machine learning, and user-centered design. Proficient in developing AI-based solutions, web applications, and predictive analytics models to solve real-world problems. Passionate about leveraging cutting-edge technologies to create innovative solutions.

EDUCATION

Bachelor's in Computer Systems Engineering

Mehran University of Engineering and Technology

CGPA: 3.6/4.0

2020 – 2024

Jamshoro, Pakistan

PROFESSIONAL EXPERIENCE

Freelancer

05/2022 – present

- Delivered full-stack web development solutions using **React.js** and **Node.js**, ensuring performance and scalability.
- Designed and fine-tuned **machine learning models** for predictive analytics and automation tasks.
- Customized solutions for diverse client requirements, showcasing strong problem-solving and analytical skills.

Externship

2023

Paragon One

- Collaborated with **National Geographic** and **The Nature Conservancy** to research and propose sustainable solutions for freshwater conservation.
- Presented data-driven insights and actionable recommendations for addressing local water resource challenges.

Certificate 🔗

PROJECTS

Personal Portfolio 🔗

- Designed and deployed a **responsive portfolio site** using **Next.js** and **Tailwind CSS** to showcase projects and skills.
- Integrated **Resend API** for seamless communication through the contact form.

Interview preparation agent

present

Next generational AI assisted interview agent

- Developed an **AI-powered platform** to simulate realistic interviews, offering personalized feedback to enhance communication and employability skills.
- Technologies: **Keras**, **Deep Learning**, **Google Speech Recognition API**.

Crypto Price Prediction

- Built a prediction model using **Python**, integrating algorithms like **LSTM**, **Random Forest**, and **ARIMA**.
- Analyzed hourly Bitcoin and Ethereum data from Binance to deliver accurate pricing forecasts.

COURSES

Data Analytics by Google 🔗

Coursera

Python for Everybody 🔗

University of Michigan

SKILLS

Tools and Technologies

Python, Java, C++, R, scikit-learn, TensorFlow, PyTorch, OpenCV

Soft Skills

Problem-solving, Communication, Teamwork, Time Management