MUHAMMAD AFFAN WAHID

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🐙 muhammadaffanwahid   🔗 muhammad-affan-wahid   📍 Lahore, Pakistan

WORK EXPERIENCE

Team Lead, Full Stack Web Developer
Energy Alternatives

📅 May 2024 – Current   📍 Remote

- Led a team to develop and deploy a fully responsive website, optimizing SEO and web performance to reduce load times.
- Managed version control, code reviews, and continuous integration to ensure high-quality, efficient code delivery.
- Collaborated with stakeholders to define requirements and deliver key features within project timelines.

Full Stack Developer (Part-time)
Intelligent Machines Lab ITU

📅 June 2024 – Current   📍 Remote

- Developing a web application to collect blood cancer data from multiple labs using React, Flask, and MongoDB.
- Integrating YOLO v8 for real-time object detection to enhance medical imaging analysis within the platform.

Software Engineer
Educative, Inc.

📅 June 2023 – May 2024   📍 Lahore, Pakistan

- Created the interview vertical front and back end. This helped open a robust new funnel and stable avenues for revenue.
- Integrated Hubspot in the product to streamline Userback to support top-notch user feedback functionality.
- Created a pipeline to collect custom metric data using OTEL and integrated it with Google Dashboards for data visualization.

Python Software Engineer Intern
Hazen.ai

📅 Nov 2022 – Jan 2023   📍 Lahore, Pakistan

- Created an automatic framework for the creation of synthetic license plate dataset for different countries all around the world in order to minimize human effort and maximize productivity.

Teaching Assistant DSA
Information Technology University

📅 Sep 2021 – Feb 2022   📍 Lahore, Pakistan

- Worked with teachers to enhance learning plans based on student assessments, supported classroom management, conducted clarification sessions, and created engaging assignments while guiding students.

Research Intern
Intelligent Machines Lab ITU

📅 Jul 2021 – Oct 2021   📍 Lahore, Pakistan

- Engaged in the intricate labeling of malaria cell data, used in a research paper published in CVPR titled **"Towards Low-Cost and Efficient Malaria Detection,"** earning acknowledgment.

EDUCATION

BS in Computer Science
Information Technology University

📅 2019-2023   📍 Lahore, Pakistan

FSc Pre-Engineering
Fazaia Intermediate College

📅 Aug 2017-Nov 2019   📍 Lahore, Pakistan

Matriculation
Fazaia Intermediate College

📅 Jun 2015-Aug 2017   📍 Lahore, Pakistan

TECHNICAL SKILLS

Python   Pandas   Numpy   Pytorch   NextJS   ReactJS   JavaScript   Tailwind CSS   Flask   Typescript   C++   Github   Algorithms

EXTRACURRICULAR

Co-Founder Kaar-e-kamal ITU (2022-2024)
- Created this chapter from scratch providing free education, food, and medicine to the needy ones.

Treasurer GDSC-ITU (2022-2023)
- Organized the funds of many events for the developers including CodeRush coding competition.

Treasurer IEEE-ITU (2022-2023)
- Organized the funds of many events for the engineers including IEEEXtreme coding competition.

ACHIEVEMENTS

1st position
- Programming Competition at Superior Technical Symposium 2021.

1st position
- Atchison College AI Competition.

2nd position
- All over Pakistan in IEEE Extreme Programming Competition 2021.

2nd position
- position at GDSC Code Rush programming competition held at ITU.

3rd position
- at the IEEE Code Camp held at UET.