MUHAMMAD AFFAN WAHID

@ mohammadaffanwahid@gmail.com ● muhammadaffanwahid in muhammad-affan-wahid ✆ +92 3024755039
● Lahore, Pakistan

WORK EXPERIENCE

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.
- Increased automated test coverage by detailed selenium and jest tests.
- Provided top-notch maintainability and site reliability as rotational On-Call.

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.

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.

PROJECTS

Poster Design Web App
- Implemented the user interface for a poster design web application using React, ensuring a seamless and dynamic user experience.
- Utilized Chakra UI for building a consistent and visually appealing component library, enhancing the application's design and usability.
- Implemented State Management: Practiced state management techniques with Redux to manage application state and data flow.

Fundraiser Web App
- Implemented robust form validation using Formik and Yup libraries.
- Developed responsive and interactive user interfaces with vanilla CSS.
- Integrated Stripe API to efficiently handle payment processing.

Chess
- Developed a full-featured chess game from scratch, including checkmate, stalemate, pawn castling, and undo-redo functionalities.
- Employed object-oriented programming principles, with each chess piece represented by its own class.
- Utilized inheritance and polymorphism to create a flexible and maintainable game architecture.

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

NextJS   ReactJS   JavaScript   Python
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.