Zainab Faizan Khan

MERN Stack Developer

EXPERIENCE

Pakistan Council of Scientific and Industrial Research Laboratories, Karachi *Intern*

September 2022 - November 2022

- Developed a Retinal Vessel Segmentation model using TensorFlow on a private dataset achieving 97% accuracy and integrate the model with a mobile application made on react native.

- Created a full stack website that allows doctor to collect data for multiple research related purposes.

- Work collaboratively with other developers, designers, and project managers to develop and implement web applications using the MERN stack.

- Develop, test, and debug code using the MERN stack, and troubleshoot issues that arise during development or after deployment.

NCCS— I*ntern*

March 2022 - May 2022

- Worked on various areas of web development, including requirements gathering, prototyping, wire framing, and application development.

- Utilized technologies such as Node, Express, React, Redux, and MongoDB in the development of full-fledged applications.

- Experience in test case design to ensure application quality.

- Worked closely with senior developers in various stages of web development, from initial planning to final implementation.

EDUCATION

NED University of Engineering and Technology— *Software Engineering*

2019 - Current

Undergraduate Software Engineering, Third year, Batch 2019, CGPA 3.64

PROJECTS

Trisl Hub ~ A react based application for doctors

Created a full stack website for a researcher carrying out research in multiple health related fields.

Image Transformation Application based on computer vision

Developed an image transformation app that colorizes deblurs and restores image and transforms them to different styles using DL tools in Python.

AI Based Android Application For Diet Planner and Physical Trainer

Developed an AI android application for diet planner and physical trainer that provides diet plans to users based on their current weight, goal weight and veg/non veg choices using React Native and firebase and Python.

Responsive Website For Increasing Tourism In Pakistan

Developed a responsive TOURIST GUIDE web application for Pakistan using Node, Express, and SQL. Html Css and Hbs.

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SKILLS

Web Development:

Html Css Js MERN(React, Node ,Express ,Mongodb), Flask , React Native

Database:

SQL , Mongodb , Mongoose

Programming languages: Python , C++

Testing:

Katalon Studio , Selenium

Deep learning:

Python libraries (Mediapipe, OpenCV, Matplotlib , scipy, seaborn etc)

CERTIFICATES

UDEMY: Web Development

GOOGLE: Digital Marketing

COURSERA: Mobile App Development

COURSERA : Data Analyst

MICROSOFT: Power Bi Developer

MERN workshop by Clever Qazi

LANGUAGES

English

Urdu