

Osama Farooq

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PROFILE

Grounded and solution-oriented undergraduate Computer Scientist, adept at motivating self and others. Passionate about Web Development and eager to obtain a working position for hands-on programming experience and developing technical skills.

EDUCATION

Bachelor of Computer Science

September 2020 - Present

FAST National University of Computing and Emerging Sciences

Relevant Coursework: OOP, Data Structures, Design and Analysis of Algorithms, Database Systems, Software Engineering, Advance Database Systems, Data Science, Data Warehousing Data Mining

SKILLS

Technical Skills C/C++, Python, Machine Learning, MERN Stack, MySQL, HTML/CSS, JavaScript, Technical Content Writing

Soft Skills Problem Solving, Presentation and Communication, Analytical Expertise

EXPERIENCE

Software Engineering Intern

June 2023 - August 2023

GigaLabs

Lahore, Punjab, Pakistan

- Developed full fledged working Web applications in the MERN Stack
- Created front end applications in React.js (e.g Food ordering App, Ecommerce App)
- Developed back-end Node.js modules, enhancing core server-side functionality.
- Integrated third-party APIs to extend application capabilities.
- Strengthened security with JWT authentication and secure endpoints.

Teaching Assistant - Digital Logic Design

Jan 2023 - June 2023

FAST National University of Computing and Emerging Sciences

Lahore, Punjab, Pakistan

- Evaluation of Quizzes, Assignments and Projects According to instructor's guidelines

React.js Intern

July 2022 - August 2022

iTitans

Lahore, Punjab, Pakistan

- Learned the React.js language and developed React.js CRUD Applications
- Worked on Product Management, carried out QA of Software under development (KHub)

PROJECTS

ArtEcho - Virtual Art Gallery

Designed and created a novelty web application from scratch. All the major operations of the application were catered using concepts of Software Engineering.

-Languages/Tools: MongoDB, Express, Node.js, React.js, VR, Spatial, Web3, FireBase

Rahgeer - Tourism Application

-Designed and created a novelty Web application from scratch. Application domain lies around predominantly Tourism where Tourists add requests for any services required and Hosts can match requests with their proposals, this and everything that comes along with your standard Tourist application.

-Languages/Tools: Java, MySql, Springboot, Thymleaf, Google Maps API

Lahore House Prices Prediction System

-Designed and implemented a user-friendly House Price Prediction App that leverages machine learning algorithms to estimate property values. The app efficiently processes input parameters such as the number of bedrooms, bathrooms, property age, location, and size in marlas, providing users with instant and accurate real estate insights.

-Languages/Tools: Python 3.8, Machine Learning, HuggingFace, Jupyter