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, Spacial, 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