Muhammad Basil Irfan

Web Developer



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EDUCATION

Matriculation,

Pakistan International School 2017 – 2019 | Jeddah, Saudia Arabia Percentage: **87**%

Intermediate,

Pakistan International School 2019 – 2021 | Jeddah, Saudia Arabia Percentage: **83**%

Bachelors in Software Engineering, Bahria University Karachi Campus 2021 – present | Karachi, Pakistan Cgpa: **3.4**

⊗ SKILLS	
C#	••••
JAVA	••••
HTML	••••
CSS	••••
TAILWIND CSS	••••
JAVASCRIPT	••••
NODE JS	••••
REACT JS	••••
Mongo Db	••••
SQL	••••
NextJs	••••

PROFILE

I am a motivated and ambitious software engineering student at Bahria University. Currently pursuing a Bachelor's degree in Software Engineering, proficient in HTML, CSS, Bootstrap, Tailwind CSS, JavaScript, ReactJS, NodeJS, Asp.net, C#, Java, MongoDB, and SQL. I aim to use my expertise to contribute effectively in a professional setting

PROJECTS

Banking System, (JAVA (Desktop Application) and MySQL) &

- Developed a Java-based desktop banking application for my 2ndsemester project that simulates standard banking operations.
- Implemented the Twilio API to send One-Time Passwords (OTPs) via email, ensuring a secure and efficient password recovery process.
- Utilized Java for the desktop application, ensuring a user-friendly interface and smooth banking operations.

Password Management System, (C# (Desktop Application) and MySQL) ∂

- Developed a secure Password Management System using advanced algorithms in my 3rd semester.
- Implemented Huffman for file compression and SHA56 hashing for secure password management.

Airline Reservation System, (C# (Desktop Application) and SQL) &

- Developed a desktop application for the 4th semester project, simulating an airline reservation system. The application includes features like ticket reservation, seat selection, and ticket issuance via email.
- Implemented a seamless reservation process allowing users to book tickets and select seats through the desktop application. This enhances the overall user experience.
- Incorporated a robust security feature for password recovery, allowing
 users to reset passwords by validating an OTP sent via email for a secure
 and user-friendly airline reservation app.

Ecommerce Web App, (ReactJS,Asp.net and SQL) &

- Utilized technologies including React.js, Asp.net, SQL, React Redux Toolkit for state management, and RESTful APIs (Axios) for a scalable and efficient architecture.
- Implemented buyer, seller, and admin functionalities, ensuring seamless interactions, transactions, and efficient management.
- User-friendly interfaces, secure authentication, and efficient data management ensure a smooth and protected experience for all users.

Weather App, (NextJS,Redux) ∅

- Intuitive interface enabling users to effortlessly input location details for accurate weather forecasts.
- Crafted with Tailwind CSS for a sleek, modern interface that adapts seamlessly to various devices.
- Utilizes a weather API to dynamically fetch and display up-to-date weather information.

♦ CERTIFICATES

- The Complete 2024 Web Development Bootcamp -Udemy ℰ
- C#(Basics) ∂
- SQL (Basics) ∅
- JavaScript & jQuery Udemy ∅
- HTML5 From Basics to Advanced level ≥
- Learn MySQL For Beginners &
- \bullet Python for beginners Udemy ${\mathscr Q}$