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

Skill	Level
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 2nd-semester 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 🔗
- C#(Basics) 🔗
- SQL (Basics) 🔗
- JavaScript & jQuery - Udemy 🔗
- HTML5 - From Basics to Advanced level 🔗
- Learn MySQL - For Beginners 🔗
- Python for beginners - Udemy 🔗