

Muhammad Saddique Shah

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Objective

Highly motivated and ambitious Computer Systems Engineering student seeking opportunities to apply my technical skills and knowledge in software development. Eager to contribute to innovative projects and dynamic teams, while further enhancing my expertise in programming languages, web development, and cutting-edge technologies.

Education

DAWOOD UNIVERSITY OF ENGINEERING AND TECHNOLOGY

Bachelor of Engineering- BE Computer System Engineering

Karachi, Pakistan

2021 – 2025

OXFORD SCIENCE SCHOOL AND COLLEGE

Pre- Engineering

Kohat, Pakistan

2018 – 2020

Academic Coursework

COURSE COMPLETED: Introduction to C++, Java (OOP), Data Structures and Algorithms Computer Architecture, Database Management Systems (DBMS), Web Engineering, Data Communication, Operating system

Academic Experience :

FGRF (Next.js, Firebase, PayPal, Stripe) [Link](#)

- *Application:* Developed a web platform using Next.js and Firebase, facilitating seamless user interactions. Integrated PayPal and Stripe for secure and efficient payment processing.
- *Functionality:* Enabled real-time database management, authentication, and dynamic content updates using Firebase.
- *Teamwork:* Collaborated with a team to design, develop, and deploy key features, ensuring scalability and performance.

AGUA – Decentralized Payment Platform (Next.js, Web3)

- *Application:* Developed a Web3-powered platform using Next.js, enabling seamless cryptocurrency payments (Bitcoin, Ethereum, Polygon) alongside Stripe integration for fiat transactions.
- *Database:* Utilized MongoDB for efficient data storage and retrieval.
- *Blockchain Integration:* Implemented smart contract interactions to facilitate secure and transparent transactions.
- *Teamwork:* Collaborated with a team to integrate decentralized finance (DeFi) solutions and optimize user experience.

Attendance App

- Developed using React.js, Express.js, and MongoDB, this application features two distinct interfaces—one for administrators and another for students. Students can update their profiles and record their attendance. On the administrative side, a comprehensive list of students is available for easy management, allowing administrators to create new student profiles and modify existing data.

Work Experience

Internship([BawdicSoft](#)):

Karachi, Pakistan

Frontend Web Developer – November 2024 to Present

- Developed and optimized responsive web applications using Next.js and Firebase, ensuring seamless user experiences.
- Integrated **Stripe** for secure payment processing, enabling smooth transactions.
- Worked on **Web3 integration**, implementing blockchain functionalities within web applications.
- Utilized **Tailwind CSS** and other UI libraries to enhance design consistency and responsiveness.
- Collaborated with the team to troubleshoot, debug, and optimize application performance.

Internship(360xpertsolutions):

Karachi, Pakistan

Frontend Web Development - Feb 2024 to July

— Contributed to responsive web applications using Next.js, leveraging UI libraries like Material-UI, Ant Design, and Tailwind CSS. Collaborated with the development team to enhance user experiences by implementing new features and optimizing performance. Managed application state with Redux Toolkit and integrated front-end components with backend services using PostgreSQL.

Skills

- **Programming Languages:** JavaScript, Web3 integration
- **Frontend Development:** HTML, CSS, Bootstrap, Tailwind CSS, JavaScript, ReactJS, NextJS
- **Backend Development:** NodeJS, ExpressJS,
- **Version Control & Database:** Git, GitHub, NOSQL (MongoDB), Firebase

Additional

- **language:** Urdu, English, Pashto