

Muhammad Subhan

Software Engineer

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SUMMARY:

Passionate **Software Engineer** with hands-on experience in the **MERN Stack** and strong foundations in **Next.js, React, Node.js, and databases**. Skilled at building modern, scalable, and user-focused web applications, with practical exposure through internships, fellowships, and contract roles. Known for **problem-solving, teamwork, and adaptability**, eager to contribute to impactful projects while continuously growing in emerging technologies.

EXPERIENCE

Software Engineer

April. 2025 - July, 2025

Digi | Remote

- Managed the core functionality of the **NOVA** platform for displaying utility billing records, ensuring data **integrity** and **user accessibility**.
- Integrated diverse data sources and destinations for the NOVA project, including API-based data retrieval from Ultimate and transmission to the Receive platform, with **PostgreSQL** as the central database.
- Spearheaded efforts to track and manage overdue utility bill accounts, implementing automated notification systems (**SMS, email, calls**) to improve collections.

MERN

Jan 2025 - March. 2025

Wanile Technology | Remote

- **Completed a 3-month intensive internship**, gaining hands-on experience with React.js by building real-world applications, and advancing to full-stack development with Next.js through the creation of dynamic, production-ready projects like a **Blog App** and a **Library Management System**.
- **Contributed to a Hotel Management System** by leading key front-end feature development, enhancing UI/UX, and collaborating cross-functionally to deliver user-centric improvements.
- Demonstrated full-stack proficiency by building scalable applications with Next.js, Node.js, and PostgreSQL — handling both **frontend logic** and **backend API** integration with secure, responsive design.

Software Engineer

June 2024 - Aug 2024

HeadStarter AI | Remote

- **Developed 5 AI-powered full-stack applications in 5 weeks**, leveraging **React.js, Next.js, Firebase, Clerk, and Vercel** with **Agile and CI/CD** methodologies.
- **Scaled web applications**, continuously optimizing performance and integrating user feedback while focusing on **Next.js and TypeScript frontend development** and enhancing **backend API integration skills**.
- **Collaborated in cross-functional teams** and gained insights from industry leaders (Google, Y Combinator, Stanford, Amazon) through weekly sessions, staying abreast of cutting-edge technologies.

PERSONAL PROJECTS

Cloudly Store:

- **Spearheaded the development and deployment of "Cloudly Store"**, a secure full-stack file management platform built with **Next.js, Appwrite, and TypeScript**, empowering users with seamless file storage, sharing, renaming, and deletion capabilities.
 - **Designed and implemented a cutting-edge**, highly responsive user interface using **shadcn/ui** and **Tailwind CSS**, ensuring an intuitive and consistent file management experience across all devices.
 - **Architected robust backend integrations with Appwrite**, mastering advanced file handling, **API management**, and data security to deliver efficient and reliable operations.
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Technical Skills:

- **Frontend:** HTML, CSS, JavaScript, React.js, Next.js, Tailwind CSS
- **Backend:** JavaScript, Node.js, Express.js
- **Databases:** MongoDB, PostgreSQL, SQL, MySQL
- **Programming Languages:** JavaScript, C++, C
- **Version Control & OS:** Git, GitHub, Linux
- **Tools & Platforms:** Vercel, Firebase, Postman, Render

Education

University of Education, Lahore

Sept 2021 – May 2025

- **Bachelor of Science in Information Technology**
- **Relevant Coursework:** Software Engineering, Databases, Data Structures & Algorithms, Artificial Intelligence.

Achievements: & Certification

- **Completed LinkedIn's "Introduction to Career Skills in Software Development"** — Gained foundational industry knowledge and software engineering best practices.
- **Certified in Object-Oriented Programming (OOP)** — Demonstrated strong understanding of object-oriented principles through structured coursework and projects.
- **Solved 150+ LeetCode Problems** — Strengthened algorithmic thinking and problem-solving skills through consistent competitive programming practice.