USMAN MUHAMMAD

FULL STACK DEVELOPER

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SUMMARY

Motivated developer proficient in both front-end and back-end technologies, including React.js, Next.js, Tailwind CSS, Node.js, Express.js, PostgreSQL, and MongoDB. Skilled in building responsive user interfaces, integrating RESTful APIs, optimizing code performance, and delivering seamless web solutions. Experienced in team collaboration using Git and Scrum practices, addressing complex technical challenges, and ensuring project success through effective problem-solving and communication. Dedicated to continuous learning and staying updated on modern web development trends.

TECHNICAL SKILLS

JavaScript	Express.js	RESTful APIs	Mobile-First Design	Communication
React.js	Tailwind CSS	API Integration	TypeScript	Team Collaboration
Next.js	PostgreSQL	GSAP Animations	Version Control (Git)	Problem Solving
Node.js	MongoDB	Progressive Web Apps	Strappi V5	React Redux

PROFESSIONAL EXPERIENCE

Software Engineer, Skylinx Technologies   **January 2025 - Present**

Universal Postal Union (UPU)

- Developed a highly scalable platform using React.js, Next.js, Strapi v5, and PostgreSQL.
- Built comprehensive pages, from header to footer, dynamically fetching data from the database for seamless functionality.
- Designed responsive and fluid web interfaces with Tailwind CSS, ensuring optimal user experiences across desktop and mobile devices.
- Created fully customizable site that empowers administrators to control content dynamically via a strappi.
- Engineered a wide range of APIs, leveraging React Redux for efficient state management.
- Implemented multilingual support.

Full Stack Developer, Dice Technologies   **Aug 2024 - Dec 2024**

Landlock Solutions (Team Collaboration)

- Developed a scalable platform using React.js, Express.js, Node.js, and PostgreSQL.
- Implemented OTP verification for secure user signups and automated email notifications.
- Designed responsive web pages with Tailwind CSS for both desktop and mobile views.
- Optimized code by modularizing large files for better performance and maintainability.
- Addressed memory leaks and enhanced page load animations for smoother transitions.
- Collaborated with developers to ensure seamless API integration and alignment.

As Group Official (Solo Project)

- Built and optimized the website using Next.js, React.js, and integrating GSAP animations for a smoother user experience.
- Refactored and restyled the codebase to enhance both aesthetics and functionality.
- Reduced memory leaks and optimized initial load performance by 45%.

Office Suite (Team Collaboration)
- Developed dynamic light and dark mode features for improved usability.
- Collaborated with designers to implement and verify UI changes according to project specifications.
- Improved UI based on feedback, ensuring a smoother and better user experience.

Book Store (Solo Project)
- Designed and developed a robust backend API using the MVC architecture, incorporating features like authentication, inventory management, and book transactions.
- Built a responsive frontend with React.js and Tailwind CSS, ensuring seamless API integration.
- Implemented stable API endpoints and a pagination system, overcoming MVC implementation challenges.
- Utilized Node.js, MongoDB, TypeScript, and Express.js for a full-stack solution.
- Collaborated with a senior developer to meet deadlines, delivering a polished product.

Final Year Project, Bahria University   **Nov 2023 - July 2024**

Harvest Link (Team Collaboration)
- Designed an intuitive website layout and user flow to enhance usability.
- Developed the front-end using React JS and styled components with Tailwind CSS.
- Integrated APIs to connect the front-end with the Laravel-based backend.
- Implemented multi-user login and managed state.
- Leveraged AI to provide real-time analysis for market trends, crop conditions, and other factors.
- Utilized blockchain technology for secure and immutable transaction record in farming operations.
- Optimized database interactions using SQL to ensure high performance and reliability.

Backend Developer Intern, Smarnovative Labs   **July 2023 - Nov 2023**

Restaurant Store (Solo Project)
- Managed efficient MongoDB queries for optimized data transport.
- Built APIs and developed data clients to consume them.
- Developed web platform backends using Node.js and Express.js frameworks.
- Seamlessly integrated front-end elements into backend applications.
- Deployed applications to Amazon EC2 servers for live hosting.
- Created a user-friendly front end to interact with the developed APIs

EDUCATION

Bachelors of Science in Computer Science
Bahria University Islamabad - Lahore Campus
- Final Year Project: "Harvest Link - Blockchain in Agriculture Supply Chain" working project and published paper in UCP Journals of Engineering and Technologies.

ADDITIONAL INFORMATION

- **Languages:** Urdu, English, Arabic.
- **Certifications:** Introduction to Backend Developement, Getting started with Git and Github, React Basics.
- **Volunteer Work:** Participated in donation collection campaigns for Shaukat Khanum Memorial Cancer Hospital, contributing to fund-raising efforts for cancer patients.