

# MUHAMMAD USMAN

## MERN Stack Software Engineer at CoinbitSolutions



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### PROFESSIONAL SUMMARY

Seasoned Full Stack Software Engineer with 3+ years of experience specializing in React.js, Next.js, Node.js, PostgreSQL, MongoDB, and AWS serverless architectures. Proven expertise in transforming creative concepts into practical, high-performance solutions. Excels in front-end development using React.js/Next.js and backend engineering with Node.js/Express.js. Proficient in AWS, Docker, Linux, Python, and Bash scripting, with a strong focus on enhancing DevOps capabilities. Committed to staying informed about industry advancements and continuously honing skills to consistently deliver exceptional results.

### STRENGTHS AND EXPERTISE

Javascript/typescript	Node.Js/Express.js	Docker Containerization
React.js/Next.js	Microservices Architecture	AWS Cloud
Redux Toolkit,	Object-Oriented Programming	CI/CD pipelines & DevOps
RTK Query	MongoDB & PostgreSQL	Clean Architecture
HTML5, CSS3 and Tailwind	Firebase	Engineering Leadership

### PROFESSIONAL EXPERIENCE

#### CoinBitSolutions - Alberta, Canada (Hybrid from Lahore, Pakistan) MERN Stack Software Engineer

Sept 2022– Present

- I have developed and maintained web applications using React and Next.js
- I implemented Redux for state management to enhance application responsiveness and user engagement
- Additionally, I created and optimized backend services using Node.js and Express.js
- I have experience working with databases including PostgreSQL, and MongoDB
- I utilized GitHub for version control and collaborated on projects
- Furthermore, I implemented and managed CI/CD pipelines using Docker, and deployed and hosted projects on AWS to ensure scalability and reliability
- I integrated RESTful APIs and handled server-side logic
- I also participated in code reviews, documentation, and agile development processes
- I continuously stay updated with industry trends and enhance my skills
- I have successfully developed and deployed several web applications showcasing a deep understanding of user experience and modern design principles.

#### TeckNerds Inc. - Lahore, Pakistan React Developer

Apr 2021 - Sep 2022

- Developed dynamic web applications using React.js and Next.js, incorporating modern features like hooks for state management and side effects. Implemented server-side rendering with Next.js to enhance SEO and performance.
- Designed and implemented user interfaces with consistent, responsive design components, using Material UI and Ant Design to enhance the visual appeal and usability of applications.
- Efficiently managed application state using Redux Toolkit and RTK Query. Streamlined state management and data fetching to ensure consistent data flow across components.
- Enhanced efficiency of data retrieval and management in client-server interactions through collaboration with backend developers on integration of RESTful APIs.

- Managed Git code repositories and collaborated utilizing Agile methodologies
  - Stayed updated with front-end development trends to enhance skills.
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## EDUCATION

### University of Engineering & Technology, UET Lahore

2016 - 2020

Bachelor's degree in engineering, - CGPA: 3.34

Developed strong analytical and programming skills through engineering projects, now applied in software development.

#### Honors & Awards

- Recipient of **Merit based scholarship** through the 8 semesters.
- Awarded with a souvenir from Dr. Syed Mansoor Sarwar, Vice Chancellor UET Lahore for excellent performance as **Chief Organizer**, UET Career Fair 2020.
- Honored with a **High Flyer** for Social Work by Dr. Azim uddin Zahid Lakhvi, Chairman Punjab Healthcare Commission

#### Traineeships, Internships & Extracurriculars

**Director** - Pakistan Students' Welfare Organization (PSWO) Led a team of 40+ volunteers to promote social work at UET and its roundabouts Initiated, organized, and managed visits to various orphanages and old age homes Collected and distributed funds for deserving students Graduate.

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## CERTIFICATIONS

- AWS Certified Cloud Practitioner - Issued by AWS in Aug 2024
  - Docker on AWS
  - Advanced Agile: The Team's Mindset
  - Advanced Node.js
  - Node.js: Securing RESTful APIs
  - MERN Essential Training
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## INTERESTS & HOBBIES

- Tekken 7,8
- Chess (rating 1600)
- jujutsu-kaisen
- Korean Cinema (not the music or drama industry)