

Muhammad Usman

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PROFESSIONAL SUMMARY

Motivated Junior Full-Stack Developer skilled in building modern web applications using React.js, Node.js, Express.js, and MongoDB. Experienced in developing REST APIs, authentication systems, real-time features, responsive user interfaces, and full-stack projects with practical deployment experience. Hands-on experience with Docker, AWS (EC2), and mobile application development in Java. Strong understanding of JavaScript, backend development, database design, and clean code practices, with a passion for learning, problem-solving, and building real-world software solutions.

EXPERIENCE

Full-Stack Developer Intern — Zynvex Solutions

Remote

Full Stack Development (6 Weeks)

Jun 2026 – Jul 2026

- Worked on React.js and Node.js projects, built REST APIs with JWT auth, and collaborated with the team on code reviews and Agile sprints using Git

EDUCATION

GC University Faisalabad (KIPS College Kasur)

Kasur, Pakistan

Bachelor of Science in Computer Science — 7th Semester

Aug 2023 – Jun 2027 (Expected)

- **Relevant Coursework:** Data Structures & Algorithms, Database Systems, Operating Systems, Software Engineering, OOP, Computer Networks

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, C++, SQL

Frontend: React.js, Tailwind CSS, Responsive Design

Backend: Node.js, Express.js, REST APIs, JWT, bcrypt

Database: MongoDB, Mongoose

Mobile: Java (Android)

Tools: Git, GitHub, Postman, Docker, AWS (EC2), Vercel, Render

PROJECTS

RepWise — Fitness Tracker & Training Analytics | React, Node.js, Express.js, MongoDB, Recharts

Jun 2026

[GitHub](#) | [Live Demo](#)

- Built a full-stack fitness tracker with React.js, Tailwind CSS, and React Context API for workout state management
- Integrated Recharts for an analytics dashboard showing weekly training volume and progression stats
- Created Express.js REST API with MongoDB and JWT authentication stored in HTTP-only cookies

CoCode — Real-Time Collaborative Code Editor | React, Node.js, Socket.io, Docker, AWS EC2

May 2026

[cocode.fun](#)

- Built a real-time collaborative code editor with live editing and code compilation using Socket.io
- Runs user code in isolated Docker containers with resource limits on AWS EC2
- Deployed on Render with a custom domain (cocode.fun)

Auth-Backend — Secure Authentication API | Node.js, Express.js, MongoDB, JWT, bcrypt

Mar 2026

[GitHub](#)

- Built a login/signup API with JWT tokens in HTTP-only cookies and bcrypt password hashing
- Added role-based access control (RBAC) and input validation using express-validator
- Created custom middleware for protecting routes and tested all endpoints using Postman

Password Manager — Full-Stack CRUD Application | React, Node.js, Express.js, MongoDB

Jan 2026

[GitHub](#)

- Full CRUD password manager with search, responsive React UI, and MongoDB Atlas cloud sync
- Works offline using localStorage and syncs with the database when back online
- Includes masked password toggle, one-click copy to clipboard, and toast notifications for feedback

INTERESTS

Human Psychology & Behavioral Science, Cricket, Problem-Solving & Competitive Gaming