MUHAMMAD YAQOOB

MERN Stack Developer

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EXPERIENCE

MERN Stack Developer
EBMACS Solution

📅 Aug 2025 – Present

- Working as an intern on MERN stack projects, gaining hands-on experience in full-stack web development using MongoDB, Express.js, React.js, and Node.js
- Integrated Firebase services such as Authentication and Firestore with MERN applications to manage user data and enhance application scalability
- Designed and prototyped user interfaces in Figma for client projects, ensuring responsive, accessible, and visually appealing layouts
- Collaborated with team members to connect React front-end components with Node.js/Express APIs and synchronize real-time data through Firebase and MongoDB

Front-End Developer
GDSC COMSATS Attock

📅 2023 – 2024

- Developed React-based frontend for "LinkedIn Job Scam Detector" Solution Challenge project
- Worked with UX/UI designers to enhance front-end interface with dynamic form validation

EDUCATION

B.S. Computer Science
COMSATS University Islamabad

📅 2021 – 2025

CGPA: 3.53/4.00

SKILLS

| HTML5 | CSS3 | Tailwind CSS | JavaScript | React.js | Next.js |

| Node.js | Express.js | Python | MongoDB | Firebase |

| Machine Learning | Git/GitHub | Postman | RESTful APIs |

| AWS(EC2) | Java | Figma | C# |

CERTIFICATIONS

- Supervised Machine Learning:Regression And Classification (Coursera, 2025)
- Introduction to JavaScript (Coursera, 2023)
- Introduction to Mobile Dev (Coursera, 2023)
- Maximize productivity with AI tools(Coursera,2025)
- HSK Level 4 Chinese (CLEC, 2021)

PROJECTS

Project 1: Federated Learning Cataract Detection FYP: Federated Learning Cataract Detection
Next.js, TensorFlow, Firebase, FastAPI

- Directed development of a secure AI-based cataract and glaucoma diagnosis web application using federated learning (92% accuracy)
- Implemented full-stack architecture:
  - Next.js frontend with role-based dashboards for doctors and patients
  - FastAPI backend for federated learning coordination, appointment scheduling, and remote consultations
  - Live Demo: federated-cataract.vercel.app

GreenGuard – Animated Website
Next.js, Tailwind CSS, TypeScript,Firebase, Data-Aos, shadcn/ui

- Developed a fully animated and responsive website promoting sustainability and eco-awareness
- Integrated Firebase Authentication and Firestore to store user feedback and eco-pledges in real time
- Utilized Framer Motion and Data AOS for smooth motion effects and engaging transitions
- Designed interactive UI using Tailwind CSS and shadcn/ui components, aligned with an eco-friendly green theme
  Live Demo: full-animated-website-seven.vercel.app

Plymouth Business Directory
Next.js, MUI, Figma, shadcn/ui, Data AOS

- Built a front-end app with user/admin dashboards for managing business listings
- Designed adaptive UI in Figma and implemented validation using shadcn/ui
  Live Demo: plymouth-lovat.vercel.app/dashboard

ClipNest – Video Sharing Platform
Next.js, ImageKit, MongoDB, NextAuth

- Built a secure video-sharing platform with ImageKit uploads and MongoDB for data storage
- Integrated authentication using NextAuth

ACHIEVEMENTS

- Top 5 in Coding Competition (COMSATS Attock, 2023)
- 3rd Position in SSC Exams (Marfie Foundation, 2014)

LANGUAGES

- English (Fluent)
- Urdu (Native)
- Chinese (HSK 4)

REFEREES

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