Abdul Samad

MERN Stack Developer

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About

Results-driven MERN Stack Developer with over 1.5 years of hands-on experience in building scalable, user-focused web applications. Passionate about clean code, intuitive UI/UX design, and efficient backend systems. Skilled in resolving complex bugs, implementing secure authentication, and optimizing performance across platforms. Proven track record of delivering production-ready solutions and managing full-stack projects from concept to deployment. Highly adaptable, with strong communication and teamwork skills.

Skills

- **Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3
- **Frontend:** React, Redux, Tailwind CSS, Next.js, Angular
- **Backend:** Node.js, Express.js, REST APIs, JWT, Mongoose, Socket.io
- **Tools/Testing:** Git, Postman, Cypress, Jest, Figma, GitHub Actions
- **DevOps:** Vercel, Netlify, Render, Replit, Google Cloud (GCS), CI/CD
- **Database:** MongoDB, PostgreSQL, Aggregation Pipelines
- **Platforms:** Shopify (Storefront Backend Integration)
- **Soft Skills:** Problem Solving, Logical Thinking, Communication, Teamwork, Adaptability

Experience

Glacier Agency — Full Stack Developer (Internship)   *May 2025 – Present (Remote)*

- Working on full-stack projects using Replit for deployment and PostgreSQL for database management.
- Integrated Google Cloud Storage (GCS) for image and file uploads, handling secure delivery and optimization.
- Managed both frontend and backend deployment using Vercel and Replit for rapid development cycles.
- Contributed to Shopify-based applications with custom backend integrations and dynamic content delivery.

Education

BS Computer Science   *2020 – 2023*
University of Sindh — CGPA: 3.1 / 4.0   Jamshoro, Sindh

Projects

Presia – Kordec Shopify Store Integration ⌵

- Developed a custom web interface for managing products like contact lenses and glasses via Shopify Storefront API.
- Integrated Google Cloud Storage (GCS) for image hosting, file management, and order uploads.
- Built and deployed full-stack components using Replit and Vercel, enabling dynamic product display and filtering.
- Developed widgets for promotional offers and embedded product logic across various frontend modules.
- **Technologies Used:** Node.js, Express.js, PostgreSQL, React, GCS, Shopify API, Replit, Vercel

Electrica – Electrical Contractor Web App ⌵

- Designed and deployed a multi-user MERN application enabling contractors to manage user requests, contracts, and project lifecycle phases via an interactive dashboard.
- Developed a three-phase project tracking module with daily progress logs, material usage reporting, and timeline-based workflows.
- Enabled client-side registration, contract submission, and real-time approval status via a secure admin interface.
- Built real-time messaging and complaint management using Socket.io, supporting immediate feedback and resolution between clients and contractors.
- Secured the platform with session-based authentication, OTP login, cookie security (HttpOnly, SameSite, Secure), and dynamic session trust checks.
- Deployed full-stack on Vercel with environment-based behavior and handled iOS/Android cookie compatibility.

- **Technologies Used:** React, Node.js, Express.js, MongoDB, Mongoose, Tailwind CSS, Socket.io, REST APIs, Vercel, Sessions, OTP

Cinema Ticket System ⏻

- Built a responsive real-time seat reservation system for cinemas with dynamic seat availability and real-time updates.
- Applied aggregation pipelines and query optimization in MongoDB to reduce backend response time by over 30
- **Technologies Used:** React, Node.js, Express.js, MongoDB, REST APIs, MaterialUI, Tailwind, git

MERN Portfolio ⬈

- Created a personal portfolio site to showcase projects and technical skills using React and TailwindCSS.

Certificates

- **ICT IEEE Based Mini Project Exhibition** — University of Sindh, Jamshoro
  Held on May 18, 2022
- **MERN Stack Development Course** — Hazza Institute of Technology
  Completed: Sep 2023 – Nov 2023

Intersts

- UI/UX Designing, Prototyping
- Learning New Technologies

Languages

- English – Professional Proficiency
- Urdu – Native / Bilingual Proficiency