

ALFRED SHYAM

FULL STACK DEVELOPER

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LinkedIn | Portfolio Website | GitHub

SUMMARY

MERN Stack Developer with 6 months of professional experience developing scalable Learning Management Systems at Entri Elevate and 1 year of React developer experience. Expertise in React, Node.js, Express, and MongoDB with proven ability to deliver high-performance applications. Proficient in JWT authentication, RESTful APIs, state management, and Agile development practices.

SKILLS

- Languages & Frameworks: **JavaScript (ES6+), HTML5, CSS3, React, Next.js, Node.js, Express.js**
- State Management: **Redux Toolkit, Context API, Zustand**
- Backend: **MongoDB, RESTful APIs, Strapi CMS, Socket.io, Mongoose.**
- Styling: **Tailwind CSS, Material UI, Bootstrap.**
- Tools: **Git, GitHub, Node.js, npm, Vercel, SWR, Next-Auth, React Quill .**
- Other: **Responsive Design, SEO Optimization, JWT Authentication, Code Splitting, Lazy Loading, Agile Development .**
- Testing: **Jest, Automated Testing**

EDUCATION

- **Bachelors in Computer Application:** Indira Gandhi National Open University

CERTIFICATIONS

- **JavaScript Algorithms and Data Structures** – FreeCodeCamp
- **Responsive Web Design** – FreeCodeCamp
- **The Complete React Developer Course (w/ Hooks and Redux)** – Udemy
- **Full Stack Developer Certification(MERN)**-Entri elevate

STRENGTHS

- Detail-Oriented
- Strong attention to detail Delivering efficient and high-quality applications.
- Team Player Experienced in collaborating with cross-functional teams in fast-paced environments.
- Problem Solving: Skilled at diagnosing and resolving technical issues to enhance performance.

PROJECTS

[Blog application | GitHub Link](#)

- Built a modern blog platform using **Next.js, MongoDB, Next-Auth, React Quill, and SWR** for high performance, secure authentication, rich text editing, and efficient data fetching.
- Optimized for **SEO** and scalability with server-side rendering.

Service-Connect MERN stack application | GitHub Link

- Developed a **service-based web application** connecting users with providers (e.g., plumbing, doctor appointments) using **MongoDB, Express.js, React, and Node.js**.
- Features: Service request posting, provider selection, appointment scheduling, admin dashboard for user/provider management.

Hospital Administration App | GitHub Link | Live link

- Developed a **MERN** Stack Hospital Administration App with **appointment scheduling, patient records management**, and comprehensive admin dashboards. Implemented **cron jobs** for automated tasks and email notifications for timely communication.
- Integrated **role-based access control (RBAC)** for secure, role-specific data access. Enabled **real-time messaging** using **Socket.io** and added video calling functionality with **WebRTC** to enhance communication within the system.

WORK EXPERIENCE

MERN Stack Developer | Entri Elevate (May 2025 – Present)

Developing full-stack **LMS** with course management, progress tracking, and assessments using **MERN** stack. Implemented **JWT**-based authentication and **role-based access control (RBAC)** for secure multi-role portals. Built **RESTful APIs** in **Node.js/Express** with **MongoDB** for efficient data handling. Collaborated with 2 developers using **Git** and **Agile sprint cycles**.

MERN stack intern | GVR Business Transforms

- Collaborated with a team to develop a **MERN stack Dating** application using **React**, working on **OTP verification, payment processing, push notifications**, and user-facing features like **registration/login** flows and profile management tools to enhance functionality and interaction. Worked on search/filter functionalities to
- improve data accessibility, while collaborating on administrative tools including matchmaking algorithms, user statistics tracking, content moderation, and financial management systems.

React Developer | Go Digital Hub | Infopark, Kochi

- Developed a custom **React dashboard** for managing **SEO-friendly** websites across education and electronics sectors, integrating **Strapi CMS** with **JWT**-based **authentication** for secure, **client-side** content management and seamless data flow.
- Built high-performance **Next.js** websites with **server-side rendering**, translating wireframes into scalable React components while optimizing performance using **code splitting, lazy loading (React.lazy/Suspense), Redux Toolkit, and Context API** for efficient state management.