

SYED SHAHEER

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PROFILE SUMMARY

Enthusiastic and results-driven full-stack developer with expertise in **React, Next.js, Node.js**, and **Cloud** technologies. Passionate about delivering scalable SaaS solutions that enhance user experiences. Currently contributing as a **MERN Stack Developer at Cognizant**, I've engineered features that serve over **1 lakh users** and improved system efficiency through CI/CD pipelines. I'm excited to leverage my skills in creating innovative cloud-based solutions and tackling challenging engineering problems.

Education

B.Tech in Computer Science and Engineering 2019 – 2023
Vasireddy Venkatadri Institute of Technology, Guntur, AP, India CGPA: 8.6

SKILLS

- **Languages** : HTML/CSS, JavaScript, TypeScript, Java, Python
- **Frameworks/Libraries** : React, Next.js, Express.js, Nodejs, MUI, Shadcn/ui, Redux
- **Databases** : MongoDB, SQL, PostgreSQL
- **Cloud and DevOps** : Firebase, Docker, Vercel
- **Tools** : EXPERIENCE Git, Monitoring (Sentry), CI/CD (GitHub Actions),

Experience

MERN Stack Developer, Cognizant Sep 2023 – Current

1. Roojh Health Ecosystem (PMS, Admin Dashboard)

- Engineered a scalable healthcare platform supporting over **1 Lakh+ users**, enabling secure OTP-based onboarding for patients and doctors.
- Enabled patients to **upload and manage 10K+ medical records** through a centralized interface, improving accessibility by **40%**.
- Implemented role-based access control in the admin dashboard, reducing unauthorized data access incidents by **95%**.
- Developed a real-time doctor dashboard and prescription system, improving **consultation efficiency by 30%**.
- Automated PDF generation for patient records, reducing manual effort and saving **25+ hours/week** for admin staff.
- Integrated Firebase Cloud Messaging (FCM) to deliver real-time personalized updates with attachments like lab reports and prescriptions, increasing engagement by **20%**.
- Added comprehensive admin controls to manage doctor and patient permissions, enhancing governance and system security.
- Designed scalable MongoDB schemas to efficiently store and retrieve **complex health data**, improving DB performance by **35%**.

2. All India Institute of Ayurveda (Token management system) aiia.roojh.com

- Developed **accessible and responsive UIs** using **React, Tailwind CSS**, and **Material UI (MUI)**, ensuring seamless interaction across devices.
- Designed and deployed a **real-time Token Management System** using **Firestore Auth**, enabling patient self-registration and reducing on-site wait times by **35%**. **ABDM M1 (Ayushman Bharat Digital Mission) API** for real-time patient data syncing with government healthcare systems, streamlining onboarding and compliance.
- Implemented personalized and event-triggered notifications using **Twilio, Gupshup**, and **SendGrid**, improving

patient communication and reducing no-shows by **20%**.

- Engineered **secure RESTful APIs** and a **scalable backend** using **Node.js**, **Express**, and **MongoDB**, achieving 99% uptime and high throughput under concurrent loads.

3. Recognize portal (MERN stack, Bootstrap)

- Designed and developed responsive, accessible user interfaces using **React** and **Bootstrap**, adhering to client specifications and UX best practices.
- Wrote **clean, modular, and reusable JSX components**, improving code maintainability and reducing bugs by **30%**.
- Integrated **RESTful APIs** with **MongoDB** and **Express.js** to create and update database entries securely and efficiently.
- Performed rigorous **cross-browser testing** and compatibility checks, ensuring a consistent user experience across **Chrome**, **Firefox**, and **Edge**.
- Collaborated with a backend team to troubleshoot integration issues and optimize API response times by **15%**.

Projects

Chat Application

Project Repository

- Built a full-stack **real-time chat application** supporting both 1-on-1 and group messaging using **React**, **Node.js**, and **Socket.io**.
- Optimized WebSocket communication for performance under high load, achieving **sub-100ms message delivery** latency.
- Handled concurrent user activity with robust state management and dynamic chat room routing.
- Deployed the application on **Vercel**, improving accessibility and real-world testing capabilities.