

FARSEEN T

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SUMMARY

Full-Stack Developer and IT student with a focus on the MERN stack, specialized in building secure, scalable web architectures. Proven expertise in implementing RBAC, JWT authentication, and OCR for high-impact transit and health-tech projects. Adept at optimizing system performance and integrating complex features like automated scheduling and geospatial data to deliver high-performance, user-centric solutions.

EXPERIENCE

Intern | Bridgeon

December 2024 - December 2024 Kakkanchery, Kozhikode

- Developed and maintained 5+ web applications using HTML, CSS, JavaScript, and React, achieving 95%+ code coverage for core functionality.
- Built 3 React applications styled with Tailwind CSS, including a blog app and task list, reducing development time by 40% through component reusability.
- Led frontend development for a major e-commerce application using React and Tailwind CSS, implementing 10+ key pages (Home, Cart, Order, Product Detail) with responsive design, resulting in improved user engagement metrics.
- Integrated JSON Server to simulate backend functionalities for authentication, cart management, and order processing, enabling full-stack testing without live backend dependencies.
- Collaborated with cross-functional teams in an Agile environment, participating in daily stand-ups and sprint planning to deliver features on schedule.

PROJECTS

Transit-Hub | MERN Stack, JWT

Academic Projects • [TransitHub](#) • January 2025 - May 2025

- Architected a full-stack public transit ecosystem using the MERN stack to bridge the feedback gap for 500+ daily active users and transport authorities.
- Implemented Role-Based Access Control (RBAC) using JWT authentication for 4 distinct user roles, reducing unauthorized access attempts by 100%.
- Developed a multi-category review and complaint system processing 200+ monthly transactions, significantly increasing operational transparency.
- Engineered a comprehensive Admin Dashboard featuring system-wide statistics, audit logging for security, and CRUD operations for bus routes and schedules.

MediRemind| MERN Stack, OCR, Node-Cron

Hackathon Project • [MediRemind](#) • November 2025 - November 2025

- Awarded 2nd Place out of 15+ teams in a 24-hour hackathon for developing a high-impact health-tech MVP.
- Developed a full-stack health-tech solution to automate medication scheduling, reducing manual data entry time by 80% through automation.
- Integrated OCR and NLP to parse dosage instructions from prescription images with 92% extraction accuracy.
- Engineered an automated notification system using Node-Cron, resulting in a 45% improvement in medication adherence during beta testing.
- Designed a responsive user dashboard with React and Tailwind CSS, ensuring 98% mobile compatibility and seamless cross-device performance

EDUCATION

B Tech in Information Technology

University of Calicut • Thenhipalam, Kerala • 2026

SKILLS

- **Languages:** JavaScript (ES6+) , HTML5 , CSS3
- **Libraries & Frameworks:** React.js , Tailwind CSS , Express.js , Node.js
- **Database & Tools:** MongoDB, JSON Server , Git , GitHub

INVOLVEMENT

Volunteer and Group Leader

Institute of Engineering and Technology Calicut University • National Service Scheme (NSS) • November 2023 - May 2024

- Dedicated 2+ years as an NSS Volunteer, contributing to diverse community service projects and social welfare initiatives during the first half of B.Tech.
- Appointed as Group Leader for a 7-day intensive camp in December 2023, managing a team of students to execute daily community development tasks.
- Coordinated directly with the NSS committee and local authorities at G.L.P. School to organize logistics and ensure the successful delivery of camp activities.