

MOHAMMAD IZHAAR AHMED

Hyderabad, Telangana, India

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Professional Overview

Frontend-focused Software Developer with React, TypeScript, and Redux expertise, experienced in building scalable, high-performance UI solutions. Successfully launched Academic Ally, a scalable SaaS platform, achieving 1000+ users. Passionate about UI optimization, testing, and cloud-based application development.

Technical Skills

Languages: Proficient in JavaScript, TypeScript, HTML5, CSS3; familiar with C, C++, Sass.

Frameworks & Libraries: React, React Native, Chakra UI, Node.js, Redux, Redux Toolkit, Context API, Material UI, Axios, Vitest, Jest, React Testing Library.

Developer Tools: Git, Firebase, SQL, AWS (basic knowledge), MongoDB, Postman, JIRA, Docker, GraphQL.

Additional Skills: Agile Methodologies, Unit Testing.

Education

ISL Engineering College

Master in Computer Science Engineering

Hyderabad, India

Expected Oct 2025

Professional Experience

Nxtwave

Software Development Instructor

April 2025 – Present

Hyderabad, Telangana

- Delivered hands-on training in full-stack development, **data structures**, and **algorithmic problem-solving** to aspiring developers.
- Designed and implemented real-world projects to **reinforce learning** and simulate industry-level development workflows.
- Built and maintained **multiple web applications** to demonstrate key concepts using technologies like JavaScript, React, Node.js, Express, and SQL.
- **Mentored learners** on coding best practices, clean architecture, and version control using Git and GitHub.

Sutherland Global Service

Assistant Software Developer

September 2024 – February 2025

Hyderabad, Telangana

- * Collaborated with senior engineers to design, develop, and maintain scalable web applications using modern technologies such as **JavaScript**, **React**, and **Node.js**.
- * Assisted in implementing **RESTful APIs** and integrating third-party services to support dynamic, data-driven functionality.
- * Worked with version control systems like **Git** and managed repositories using **GitHub**, ensuring smooth code collaboration.
- * Helped improve **UI/UX** by collaborating closely with designers and suggesting enhancements based on user feedback.

Altariz Solutions, Pvt Ltd

Junior Software Developer Intern

September 2023 – August 2024

Hyderabad, Telangana

- * Developed and deployed multiple **full-stack web applications** using HTML, CSS, JavaScript, and React, enhancing user experience and performance.
- * Collaborated with senior developers to design and implement **RESTful APIs** in Node.js/**Express**, improving backend **efficiency by 30%**.
- * Performed code reviews, debugging, and unit testing, leading to a **40% reduction** in production bugs.
- * Assisted in optimizing application performance, reducing page load times by implementing lazy loading, caching, and **minification techniques**.

Projects

Academic Ally App | *Javascript, React-Native, firebase, react-redux*

- * Improved app load time by 20% by optimizing state management and API calls.
- * Designed and developed a highly responsive UI using Material UI principles, ensuring **smooth user interactions** on mobile.
- * Integrated features: **PdfChat**, **SeekHub**, **bookmarking**, rating, PDF viewing, resource sharing, and advanced filtering

- * Implemented **Redux Toolkit for efficient data handling**, reducing re-renders and boosting performance.
 - * Link to project: <https://play.google.com/store/apps/details?id=com.academically>
- Academic Ally Progressive Web App** | Javascript, React, Material UI, firebase, react-redux
- * Migrated critical components to TypeScript, enhancing **code maintainability** and reducing runtime errors.
 - * Implemented **React Testing Library** for UI testing, improving code coverage.
 - * Conducted regular user feedback sessions, leading to iterative improvements and contributing to a **20% increase** in active user retention.
 - * Link to project: <https://app.getacademically.co/>
- JawesomeScript** | HTML, CSS, Javascript
- * Designed and developed **JawesomeScript**, a curated platform showcasing basic yet *impactful* JavaScript projects to promote hands-on learning and creative coding.
 - * Implemented interactive features and dynamic UI elements using **vanilla JavaScript**, enhancing user engagement and project interactivity.
 - * Structured and styled the application using semantic HTML and responsive CSS, ensuring **cross-device compatibility** and a **clean**, intuitive user interface.

Achievements

Hackathon-2022

- * Secured **2nd place** in a college-level hackathon competing against **40+ teams** by designing and developing a real-time collaborative web application, demonstrating strong problem-solving, teamwork, and full-stack development skills.

Best Project 2023

- * Led a 4-member team to **victory among 40+ teams** by building a real-time curated platform showcasing basic yet impactful JavaScript projects.

AVNIET Computer Society Vice Chair 2022

- * Served as the **vice-chair of AVNIET computer Society**, Contributing to technological advancements and innovation. Spearheaded the reorganization of resource allocation in projects resulting significant cost reduction.