

Syed Affan

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Visa Status: F-1 Visa — STEM OPT Eligible (2025–2028)

Professional Summary

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 700+ 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, LESS

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

St. Francis College

Master's in Information Technology Services Administration and Management

Brooklyn, NY

Expected Dec 2025

Professional Experience

Junior Software Developer

Nordstone

- Built high-performance UI components using React and Chakra UI, improving load times by 15%.
- Led UI optimizations, reducing render time by 30% using React.memo and useCallback.
- Worked on a modular UI framework to streamline frontend development and ensure consistency.
- Configured and optimized the development environment using tools like Docker, reducing build times and improving team productivity.

Application Developer Intern

Texla Culture

- Refactored key UI components using TypeScript, improving code reliability.
- Wrote unit and integration tests using Vitest and Jest, improving code coverage by 35%.
- Collaborated with Product and UX teams to enhance UI/UX, increasing user satisfaction by 15%.
- Collaboratively developed and implemented a coding standards guide to enhance team code consistency and maintainability with the team.

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.
- Integrated Vitest and Jest for unit testing, ensuring code reliability.
- 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.
- Enhanced data visualization using AG-Grid alternatives, ensuring complex data was efficiently displayed.
- 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/>