

# Tharun Kumar Vardhini

## React Developer

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### PROFESSIONAL SUMMARY

- Frontend Developer with 5 years of experience in crafting dynamic, responsive, and accessible web applications using **React, JavaScript, TypeScript**, and **modern UI frameworks**.
- Hands-on experience with full web development stack including **HTML5, CSS3/SASS/LESS, AJAX, RESTful APIs**, and **Java/Python** backend integrations.
- Expertise in frontend tools and libraries: **Redux, RxJS, KnockoutJS, Bootstrap, Node.js, ExpressJS, jQuery**, and build tools like **Gulp, Grunt**, and **Webpack**.
- Adept in Agile/Scrum methodology with experience in delivering high-impact products under tight deadlines using **JIRA, CI/CD**, and **version control (Git)**.
- Proficient in **cross-browser testing, web accessibility (WCAG), responsive design**, and modern debugging tools including Chrome DevTools and Jasmine.
- Cloud exposure to **Microsoft Azure**, and experience deploying scalable frontends and integrating with APIs using REST and SOAP standards.
- Skilled in using design collaboration tools like **Figma** and **Adobe Creative Suite** to translate mockups into performant user interfaces.
- Strong understanding of **software development lifecycle (SDLC)** with a background in both **Waterfall** and **Agile** environments.
- Demonstrated leadership in mentoring junior developers, improving UI code quality, and optimizing application performance by up to 40%.

### TECHNICAL SKILLS

**Programming Languages:** Java, Python, Java Script, Web API.

**Operating System:** Windows, Linux and MAC OS.

**SDLC methodologies:** Waterfall, Agile/Scrum.

**Web Development Technologies:** HTML/HTML5, XML, CSS3/CSS4, JSON, JavaScript, jQuery, PHP, AJAX, CSS, SASS, SCSS, LESS.

**UI Frameworks:** React, React Native, NodeJS, ExpressJS, RxJS, KnockoutJS, Bootstrap, jQuery, typescript, Gulp, Grunt, NGRX, CLI, NPM, Responsive web design, web accessibility.

**Web Services:** Soap, Rest/Restful.

**Cloud:** Microsoft Azure.

**IDE/HTML Editors:** Sublime Text, Notepad++, Atom, Visual Studio Code, Eclipse, Net Beans.

**Designing Tools:** Adobe CC Suite, Figma.

**Servers:** Apache Tomcat 8.x.x version, HTTP Webserver.

**Testing & Debugging:** JIRA, Jasmine, Protractor, Firebug, Google Chrome Web Debugger, IE Developer Tools.

## PROFESSIONAL EXPERIENCE

**Client:** Farmers Insurance, Carol Stream, IL

**Role:** React Developer

**Duration:** September 2024 – Present

- Developed and maintained responsive, scalable web applications using **React.js**, **JavaScript (ES6+)**, **Redux**, and **TypeScript**.
- Built reusable UI components with **React Hooks**, **Context API**, and state management libraries, improving code maintainability.
- Translated **Figma** and **Adobe XD** designs into pixel-perfect, cross-browser-compatible user interfaces using **HTML5**, **CSS3**, **SCSS**, and **Bootstrap**.
- Integrated front-end applications with **RESTful** and **SOAP APIs**, enabling seamless data communication with backend services.
- Optimized application performance by implementing **code splitting**, **lazy loading**, and **dynamic imports**, reducing page load time by up to 40%.
- Cooperated with backend teams using **Node.js**, **Express.js**, and **Java** to develop full-stack features and data-driven modules.
- Styled components using modern preprocessors including **SASS**, **LESS**, and CSS methodologies such as BEM for scalable architecture.
- Utilized build and automation tools like **Webpack**, **NPM**, **Gulp**, and **Grunt** for asset bundling and development workflow enhancements.
- Conducted unit and integration testing using **Jest**, **React Testing Library**, and **Protractor**, ensuring robust and reliable application performance.
- Used **Chrome DevTools**, **IE Developer Tools**, and **Firebug** for debugging, profiling, and resolving UI performance issues.
- Participated in **Agile/Scrum** development processes, including sprint planning, daily stand-ups, code reviews, and JIRA ticket management.
- Deployed web applications to **Microsoft Azure**, utilizing services like Azure App Services, Blob Storage, and monitoring tools.

- Upheld code quality through **Git-based version control**, pull requests, and peer reviews in collaborative development environments.
- Ensured **WCAG-compliant web accessibility** and implemented **responsive design** for mobile-first and multi-device compatibility.
- Provided mentorship to junior developers and contributed to internal UI component libraries, improving team productivity and consistency.

**Environment:** JavaScript (ES6+), TypeScript, HTML5, CSS3, SCSS, SASS, LESS, React.js, Redux, React Hooks, Context API, Bootstrap, Material UI, jQuery, Node.js, Express.js, RxJS, KnockoutJS, RESTful APIs, SOAP, Axios, Fetch, Webpack, Gulp, Grunt, NPM, Git, Visual Studio Code, Chrome DevTools, Figma, Adobe Creative Suite, Jest, React Testing Library, Protractor, Jasmine, Microsoft Azure, JIRA, Agile, Scrum, WCAG, Responsive Design.

**Client:** Standard Chartered Bank, Chennai, TN

**Role:** React Full Stack Developer

**Duration:** August 2018 – August 2022

- Developed financial web applications for enterprise products like **FSS ADM** and **SMART RECON 3D** using **React.js, Redux, JavaScript, and TypeScript**.
- Built secure, responsive, and reusable UI components using **React Hooks, Context API**, and styled with **SCSS, Tailwind CSS, and Material UI**, ensuring consistent design across banking modules.
- Spearheaded mobile app development using **React Native** for internal financial operations and reconciliation tools, ensuring seamless user experience across **iOS and Android** platforms.
- Integrated complex business logic with **RESTful APIs**, ensuring real-time transaction data retrieval and reporting dashboards.
- Worked closely with backend developers to align frontend and microservices architecture built with **Spring Boot and Java**, facilitating seamless API consumption.
- Improved app performance by implementing lazy loading, memoization, and optimizing bundle size, resulting in a 30–40% improvement in load times.
- Ensured mobile and web app security compliance with **banking regulations** (e.g., secure storage, authentication flow, and audit trails).
- Implemented unit and integration tests using **Jest, React Testing Library**, and **Detox** (for React Native), achieving 85%+ test coverage across features.
- Participated in daily Agile ceremonies (stand-ups, retrospectives, sprint planning), tracked progress via **JIRA**, and collaborated cross-functionally with QA, backend, and design teams.
- Delivered interactive reconciliation dashboards and admin panels that allowed financial analysts to track and resolve mismatches in real-time.
- Used **Figma** and **Adobe XD** prototypes to develop pixel-perfect, responsive UIs, and worked with design teams to ensure brand consistency.
- Deployed and monitored applications in staging and production environments using **Microsoft Azure** services and pipelines.
- Worked together with client stakeholders and business analysts to gather requirements and demonstrate progress through regular demos and walkthroughs.

**Environment:** React.js, React Native, JavaScript (ES6+), TypeScript, Redux, Context API, HTML5, CSS3, SCSS, Tailwind CSS, Material UI, RESTful APIs, Axios, Java, Spring Boot, Node.js, Webpack, NPM, Git, Jest, React Testing Library, Detox, Chrome DevTools, Microsoft Azure, JIRA, Figma, Adobe XD, Agile/Scrum, Responsive Design, WCAG.

## EDUCATION

Master of Science in Data Science

Saint Peter's University, Jersey City, NJ (September 2022 – May 2024)

GPA: 3.65

## CERTIFICATIONS

- Google UX Design Certification – Google (2022)
- Microsoft Certified: Azure Data Engineer Associate (DP-203) – Microsoft