

Mohin Chandra Pendyala | Sr. Front-End Developer

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Professional Summary

Frontend & Full Stack Developer with experience in architecting and delivering secure, scalable **web and mobile applications** across energy, retail, and fintech domains. Expert in **React.js, Next.js, Spring Boot, and Node.js**, with deep proficiency in building **microservices, REST APIs, and reusable UI component** libraries. Skilled in integrating cloud platforms like **AWS, Firebase, and GCP**, and deploying serverless, containerized applications. Proven track record in **legacy modernization, performance optimization, and accessibility compliance (WCAG/ARIA)**. Adept at translating complex business workflows into intuitive user experiences, collaborating in Agile teams, and contributing to **CI/CD pipelines using Jenkins, GitHub Actions, and GitLab**. Strong command of **SQL, OAuth2, and Excel-based** automation for enterprise reporting and asset tracking.

Core Competencies:

Frontend Development • UI/UX Design • State Management • Backend & APIs • Testing & QA
• Performance & SEO • Version Control & Collaboration • DevOps & Deployment • Database Management & visualization • Cross-Platform Expertise

Technical Skills:

Languages	HTML, HTML5, CSS2/CSS3, JavaScript, Java 8/11/17, ES6, TypeScript, SQL, JSON, XML.
Web Technologies	DHTML, XML, PHP, XHTML, XSLT, JavaScript, AJAX, J-Query, JSON.
Frameworks	AngularJS, ReactJS, Gatsby.js, Next.js, Node.js, React Native, Spring Boot, Spring Data, Spring Security, Spring AOP, Spring MVC, Spring Core
JavaScript Libraries	Bootstrap, Tailwind, Material UI, Ant Design, J-Query.
CSS Pre-processors	LESS, SASS.
JavaScript Testing Libraries	Jest, Enzyme, Jasmine, Karma, Cypress, React Testing Library.
Version Control	Git, GitHub, Bitbucket, GitLab.
CI/CD Tools	Jenkins, GitLab CI/CD, Azure DevOps.
Containerization and Orchestration	Docker, Kubernetes.
Backend Technologies	Node.js, Express, RESTful APIs, Graph-QL, Spring Boot.
Authentication	JWT, OAuth, Passport.js.
Database	PostgreSQL, SQL Server, MySQL, MongoDB, IBM Db2.
Data Modeling	ER Diagrams, Database Schema Design, Normalization, Denormalization.
Web and Application Servers	Apache Tomcat, IBM WebSphere, Oracle WebLogic.
Design-Tools	Figma, Adobe XD, Sketch
Data Visualization	Power BI
Methodologies	Agile (Scrum, Kanban), Waterfall
Operating Systems	Windows 98/2000/XP/Vista/7/8/10/11, Mac OS, Linux.
Code Editors	Visual Studio, Eclipse, NetBeans, IntelliJ IDEA

Professional Experience

Client: PDI Technologies, Addison, TX

Role: Sr. React/UI Developer

Period: Sep 2023 –Till Date

Responsibilities

- **Business Analysis & SDLC:** Partnered with product managers, designers, and backend engineers to gather and validate requirements, delivering intuitive user experiences across telecom, energy, and retail platforms throughout the full SDLC.
- **React Development:** Built responsive, accessible UIs using **React 18, TypeScript, Redux Toolkit, and Context API**; engineered scalable architecture and predictable state management for high-traffic applications.
- **Component Library & Styling:** Developed reusable UI components (buttons, dropdowns, layouts) with **React**

Hooks; implemented theme mapping, wrappers, and mobile responsiveness using **Tailwind CSS and styled-components**.

- **Performance Optimization**: Applied lazy loading, code splitting, and DOM tuning to improve load times, scalability, and cross-browser compatibility.
- **Accessibility & Compliance**: Delivered **WCAG/ARIA-compliant interfaces** across user-facing modules, ensuring inclusive access and regulatory alignment.
- **API Development & Integration**: Built and consumed **RESTful APIs** using **Node.js and Python (FastAPI/Flask)**; integrated **MongoDB** for NoSQL data modeling and validated payloads with Postman.
- **Operational Reporting**: Implemented dynamic tables, advanced search, filters, and export features to support data-driven decision-making and operational transparency.
- **Testing & Quality Assurance**: Wrote and maintained unit tests using **Jest and Cypress**; enforced code reliability and regression coverage across releases.
- **Agile Collaboration & CI/CD**: Participated in Agile ceremonies, contributed to CI/CD pipelines using **Jenkins, GitHub Actions, and GCP Cloud Build**, and conducted peer reviews to ensure high-quality, testable code.
- **Architecture Ownership**: Practiced layered architecture principles and made long-term engineering decisions balancing performance, maintainability, and technical debt.

Environment: React 18, Redux Toolkit, TypeScript, JavaScript (ES6+), styled-components, Tailwind CSS, Node.js, Python (FastAPI/Flask), MongoDB, REST APIs, Firebase (Auth, Firestore, Cloud Functions), Google Cloud Platform (Cloud Run, App Engine), Git, GitHub, Jenkins, Postman, Jest, Cypress, Agile/Scrum, Figma

Client: KeyBank, Cleveland, Ohio

Role: Sr React-Native/UI Developer

Period: October 2020 – Aug 2023

Responsibilities

- **Mobile Banking Applications**: Engineered secure cross-platform apps using **React.js and React Native**, enabling seamless account access, fund transfers, and transaction tracking in high-traffic environments.
- **UI/UX Collaboration**: Partnered with product managers and designers to translate complex financial workflows into intuitive, responsive interfaces using **Figma and Adobe XD**.
- **Reusable Component Architecture**: Built scalable components with **React Hooks, Redux Toolkit, and TypeScript**; standardized design patterns and accelerated feature delivery across mobile and web platforms.
- **Performance & Accessibility**: Fine-tuned React rendering pipelines and JavaScript execution for high-volume usage; ensured **WCAG/ARIA-compliant accessibility** across devices and browsers.
- **Authentication & Security**: Implemented **multi-factor authentication** and secure workflows using **OAuth2, JWT, Passport.js**; enforced CSP and XSS/CSRF protection for financial transactions.
- **API Integration & Back-End Collaboration**: Integrated **RESTful APIs** with **Node.js/Express.js** backends; supported real-time features including account updates, transaction histories, and push notifications.
- **State Management**: Maintained consistent global state using **Redux Toolkit and Thunks**, enabling reliable real-time data synchronization across banking modules.
- **Responsive Design**: Delivered mobile-first layouts using **SCSS, Tailwind CSS, and styled-components** to ensure compatibility across screen sizes and platforms.
- **SPA Development**: Delivered modular **Single Page Applications** using React.js and React Router; optimized routing and component reuse for maintainability.
- **Performance Optimization**: Applied **lazy loading, code splitting, and DOM tuning** to improve load times, scalability, and cross-browser compatibility.
- **Agile Development & CI/CD**: Collaborated in **Scrum teams** with QA, BAs, and product owners; automated builds and deployments using **Jenkins and GitHub Actions**; tracked sprint progress in **Jira**.
- **Feature Development & Testing**: Built dynamic transaction features including filtering, search, and export; contributed to testing strategies using **Jest, Cypress, and React Testing Library**.
- **System Design & Mentorship**: Contributed to architecture decisions, reviewed code, and mentored junior developers to uphold engineering best practices.

Environment: React.js, React Native, Redux Toolkit, TypeScript, JavaScript (ES6+), SCSS, Tailwind CSS, styled-components, Node.js, Express.js, MongoDB, REST APIs, OAuth2, JWT, Jenkins, GitHub Actions, Jira, Figma, Adobe XD, Postman, Jest, Cypress, Agile/Scrum, WCAG/ARIA.

Client: Markel, Glen Allen, VA

Role: Sr UI Developer

Period: Feb 2019 – September 2020

Responsibilities

- **Agile Feature Delivery:** Delivered enhancements for customer-facing insurance portals and internal policy systems within Scrum teams, collaborating with product managers, designers, and backend engineers to align technical solutions with evolving business needs.
- **React UI Development:** Built modular, reusable components using **React.js, Redux, and TypeScript** to support workflows such as policy search, claims submission, and account dashboards.
- **Legacy Modernization:** Led migration of legacy applications to **React-based architecture**, reducing technical debt and improving performance, maintainability, and accessibility.
- **Front-End Engineering:** Developed scalable, interactive UIs using **HTML5, CSS3, and Bootstrap**; ensured cross-browser compatibility and responsive behavior across devices.
- **Accessibility & Compliance:** Delivered **WCAG/ARIA-compliant layouts** to meet insurance accessibility standards and regulatory requirements.
- **Routing & Navigation:** Implemented seamless navigation using **React Router**, modernizing routing patterns for improved maintainability.
- **API Integration:** Built and consumed **RESTful APIs** with **Node.js/Python backends**; validated request/response payloads using Postman to ensure secure and accurate data exchange.
- **Authentication & Security:** Implemented secure dashboards and authentication workflows using **JWT and role-based access controls**, ensuring compliance with insurance data protection protocols.
- **CRUD Operations:** Delivered grid-based CRUD functionality integrated with RESTful services to manage policy and claims data efficiently.
- **Performance Optimization:** Applied **lazy loading, code splitting, and DOM tuning** to improve responsiveness and load times.
- **Cross-Functional Collaboration:** Partnered with QA engineers, product owners, and backend teams to ensure alignment with business goals, technical standards, and user expectations.

Environment: React.js, Redux, TypeScript, JavaScript (ES6+), HTML5, CSS3, Bootstrap, Node.js, Python (FastAPI/Flask), REST APIs, JWT, Git, Postman, Jenkins, Agile/Scrum, WCAG/ARIA

Client: Gucons Solutions, India

Role: Front End Developer

Period: June 2016 - July 2018

Responsibilities:

- **UI Development:** Built responsive customer portals and internal dashboards using React.js, Redux, and React Bootstrap to improve user experience and service management.
- **Legacy Maintenance:** Maintained and enhanced AngularJS modules, managing routing, forms, data binding, DOM manipulation, and HTTP requests for real-time usage and billing systems.
- **Data Visualization:** Integrated D3.js visualizations into React components to display network performance, usage patterns, and service trends.
- **Form Validation:** Implemented Redux-Form with synchronous and asynchronous validations to ensure accurate and secure data entry.
- **Backend Integration:** Developed Node.js modules to align with design requirements and support scalable service functionalities.
- **State Management:** Added dynamic functionality by creating and dispatching action creators to streamline application workflows.
- **Reusable Components:** Applied object-oriented programming principles to design reusable UI components for consistent web application development.
- **Version Control:** Utilized Git and GitHub for code versioning, collaboration, and continuous integration in Agile projects.
- **Testing & Debugging:** Wrote unit tests using Jasmine and leveraged Firebug, Chrome DevTools, and IE Developer Tools for debugging and issue resolution.

- **Agile Collaboration:** Engaged with testers, business analysts, and Scrum teams in daily stand-ups, workshops, and sprint reviews to align deliverables with business requirements.

Environment: Angular, JavaScript, HTML5, CSS, ES6, Node.js, React, React Native, Redux, JavaScript, TypeScript.