

# 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:

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