

# Mohana Pavan Kumar Vankayala

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## SUMMARY

Frontend Developer with 4+ years of experience in designing and delivering enterprise-grade web applications within IT services and consulting domains. Skilled in modern JavaScript frameworks including React.js, Angular, Vue.js, and Next.js, with expertise in building responsive, user-focused interfaces using HTML5, CSS3, TypeScript, Bootstrap, and Tailwind CSS. Proficient in integrating RESTful and SOAP APIs, optimizing Webpack build pipelines, and deploying solutions on AWS and Azure cloud platforms. Adept at collaborating in Agile/Scrum environments, ensuring scalability, performance, and compliance through reusable components, API validation, and CI/CD practices.

## EXPERIENCE

**HCL Tech, USA | Frontend Developer** Mar 2025 – Present

- Designed and implemented user interface guidelines and standards for enterprise IT consulting projects using JavaScript, React.js, React Hooks, Angular.js, Redux, CSS3, and HTML5, ensuring consistency and adherence to client requirements.
- Translated wireframes and mockups into responsive templates using HTML5, CSS3, and modern front-end frameworks, enhancing usability and scalability of client-facing applications.
- Collaborated with backend developers, UX/UI designers, business analysts, and product owners to gather requirements and deliver functional, client-focused web solutions within Agile/Scrum environments.
- Utilized TypeScript to improve code maintainability and error handling across large-scale consulting projects, reducing defects and improving development efficiency.
- Built and maintained shared reusable components and responsive themes consumed across multiple consulting projects, improving development speed and ensuring consistency across client applications.
- Developed advanced features using React.js, React Hooks, Redux, and Redux Thunk middleware to support state management and real-time application performance for global consulting clients.

**KPIT, India | Frontend Developer** Apr 2020 - Nov 2023

- Designed and developed enterprise-grade frontend applications for IT consulting clients using React.js, React Hooks, Angular.js, Angular 2/4, Redux, TypeScript, HTML5, CSS3, Bootstrap, and Tailwind CSS, ensuring scalability, responsiveness, and cross-browser compatibility.
- Migrated legacy web applications to modern stacks including React.js, Vue.js, Sass, and WordPress, improving maintainability, performance, and user experience across consulting engagements.
- Built compliance and financial dashboards with secure REST API integrations, developed reusable React.js components, and implemented file upload/retrieval features with AWS S3 to meet regulatory storage requirements.
- Configured and optimized Webpack pipelines for bundling and deployment across lower and production environments, ensuring optimized performance, scalability, and faster delivery for client applications.
- Developed server-side rendered (SSR) and SEO-friendly solutions with Next.js and React.js, enhancing client visibility, application performance, and end-user engagement in consulting projects.
- Integrated third-party APIs and open-source npm packages to extend enterprise application functionality, accelerating delivery timelines while aligning with diverse client business requirements.
- Collaborated with QA teams and product owners in Agile/Scrum environments to perform debugging, regression checks, UI validation, and API documentation validation using Swagger/OpenAPI standards.
- Translated UX wireframes and mock-ups into interactive features with HTML5, CSS3, and JavaScript, improving user interactivity and ensuring alignment with client design specifications.
- Strengthened project quality through Git branching strategies, peer code reviews, and Agile ceremonies, enabling consistent delivery of secure, scalable, and high-performing frontend solutions for IT consulting clients.

## SKILLS

**Methodology:** SDLC, Agile, Waterfall

**Frontend Technologies:** JavaScript (ES6+), TypeScript, React.js, React Hooks, Redux, Redux Thunk, Angular.js, Angular 2/4, Next.js, Vue.js, WPF, HTML5, CSS3, Sass, Bootstrap, Tailwind CSS, AJAX, JSON, Material UI

**UI/UX & Responsive Design:** Wireframe to UI conversion, Responsive Web Design, Cross-Browser Compatibility, Theme Development, Reusable Component Libraries, Accessibility Standards (WCAG), MVC framework

**API Development & Integration:** RESTful APIs, SOAP APIs, Secure API Integration, Swagger/OpenAPI Documentation, Third-Party API Integration

**Build & Deployment Tools:** Webpack, npm, Yarn, Babel, CI/CD Pipelines, Git Branching Strategies, Git, GitHub, GitLab, Azure DevOps

**Cloud Platforms & Services:** AWS (S3, Lambda, EC2, CloudWatch), Microsoft Azure (DevOps, Storage), Cloud-Based Deployments

**Collaboration & Project Management:** Agile (Scrum), Sprint Planning, User Story Grooming, Code Reviews, Peer Collaboration, Jira, Confluence

**Testing & Debugging:** UI Validation, Regression Testing, Debugging Tools (Chrome DevTools, Postman), Unit Testing (basic in Jest/React Testing Library)

**Version Control & DevOps:** Git, GitHub, GitLab, Bitbucket, CI/CD Automation, Docker (basic exposure for frontend deployments)

**Other Tools & Platforms:** WordPress, UML, VS Code, Visual Studio, Figma (wireframe-to-UI integration)

## EDUCATION

Master of Science in Computer Science | **University of Central Missouri, MO** | **CGPA:** 3.8

Aug 2025