

MANIKANTA SRIRAM

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Professional Summary

Software Engineer with **3+** years of production experience designing and developing scalable web applications and internal tooling using **JavaScript, TypeScript, and React**. Proven ability to **analyse complex technical problems**, translate business and stakeholder requirements into robust software solutions, and deliver measurable performance improvements. Experienced working across **cross-functional teams** in Agile environments, managing priorities and deliverables, and leveraging **REST APIs, CI/CD pipelines, and cloud platforms (AWS, Azure)** to build reliable, high-quality software. Comfortable integrating **AI tools** into development workflows to accelerate delivery and improve solution quality.

Technical Skills

Languages	JavaScript (ES6+), TypeScript, HTML5, CSS3
Frameworks / Libraries	React, Redux, React Hooks, React Query (TanStack), Axios, jQuery
APIs & Integration	RESTful APIs, JSON, Web Services, Third-Party API Integration, JWT (familiar)
Testing	Jest, React Testing Library, Cross-Browser Testing, Unit Testing
UI / Styling	SASS/SCSS, Tailwind CSS, Responsive Design, Material UI, ShadCN UI
Tools / DevOps	Git, Azure DevOps, CI/CD Pipelines, JIRA, Zendesk, NPM, Webpack, Docker
Cloud & Platforms	AWS, Azure, Agile/Scrum, SDLC, Bug & Change Management

Professional Experience

Cendyn <i>Software Engineer – Frontend / Web Solutions</i>	Hyderabad, India Apr 2023 – Present
<ul style="list-style-type: none">Designed and developed scalable web applications and internal tooling using JavaScript, TypeScript, and React, translating complex stakeholder requirements into reliable, production-ready software solutions deployed across global hotel and hospitality clients.Analysed recurring cross-client technical pain points (rendering failures, layout regressions, delivery bottlenecks) and engineered targeted solutions, reducing issue recurrence and improving release reliability across 20+ monthly deliverables.Built and maintained a reusable UI component library with semantic HTML and SASS, cutting development turnaround by 25% and enabling faster feature delivery – directly scaling business solutions across multiple client accounts.Integrated CI/CD pipelines via Azure DevOps to automate build, test, and deployment workflows, improving release cadence and reducing manual intervention – achieving a 30% improvement in front-end performance through systematic asset optimisation.	

Projects

React Movie Explorer	<i>React, TypeScript, JavaScript, REST API, React Hooks, Jest</i>
<ul style="list-style-type: none">Designed and built a scalable, component-driven React application consuming the IMDb REST API with search, filtering, and detail views – demonstrating end-to-end ownership from requirement analysis to production-ready delivery.Implemented modular state management using React Hooks and Redux, wrote unit test coverage with Jest and React Testing Library, and applied code-splitting and asset optimisation to achieve a 35% improvement in user engagement and faster load times.Structured the codebase for scalability and maintainability, applying JavaScript OOP principles, reusable component patterns, and RESTful API integration best practices to simulate a production engineering environment.	
Weather Forecast App	<i>React, Axios, OpenWeather API, TypeScript, Responsive Design</i>
<ul style="list-style-type: none">Developed a real-time data web application integrating the OpenWeather REST API with robust async error handling, loading state management, and live data refresh – demonstrating third-party API consumption and JSON data analysis patterns.Built a fully responsive React UI using TypeScript and Axios, applying strict type safety and interface contracts to ensure reliable data flow – reducing runtime errors and improving cross-device reliability and bounce rate.	

Education

Sri Vasavi Engineering College <i>Bachelor of Technology – Electronics and Communications Engineering</i>	Tadepalligudem, India 2016 – 2020
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