

PRAVEEN KUMAR MADDELA



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Gender Male

Nationality Indian

Date of Birth 01/07/1996

PERSONAL STATEMENT

- Full-Stack Developer with Around **7 years** of experience in front-end and back-end development, testing and maintenance support, specializing in technologies like **React.js, Next.js, AngularJS, Vue.js, Node.js, and Amazon Web Services (AWS), JavaScript, Git, Jira, TypeScript** among others, to deliver scalable and efficient solutions
- Expertise in implementing robust UI components and improving system efficiency through server-side rendering and state management, achieving significant performance gains
- Skilled in cross-functional collaboration, enhancing project delivery timelines and ensuring high-quality, on-time releases with zero critical bugs
- Strong background in **API** integration, **CI/CD** pipeline automation, and end-to-end testing, improving deployment speed and reliability

WORK EXPERIENCE

Dec 2022 – Present

Software Engineer | OPTUM (UNITEDHEALTH GROUP), India

Project: Prior Authorization System (Insurance) | Client: Internal (Own Product) | Team Size: 25

- Develop UI components using React.js, Next.js, Node.js, and Material UI
- Improve system efficiency through server-side rendering with Next.js
- Integrate APIs via Axios, enhancing data retrieval speed
- Utilize Context API for state management, reducing state handling complexity by 100%
- Implement data storage with Redis, increasing access speed by 100%
- Achieve 100% code quality score with SonarQube validation
- Enable continuous deployment through the Jenkins CI/CD pipeline
- Enhance test coverage to 100% using Jest
- Conduct end-to-end testing with Cypress using Cucumber framework, ensuring 100% uptime
- Collaborate with cross-functional teams, including Product Owners, UX Designers, and Quality Assurance Engineers, ensuring on-time delivery with zero critical bugs

Aug 2021 – Dec 2022

Systems Engineer | TATA CONSULTANCY SERVICES, India

Project: **Unified DevOps Portal (Banking)** | Client: Citibank | Team Size: 20

- Utilized SAFe methodology, improving project delivery time
- Gathered business requirements, developed user stories, and fixed bugs, increasing client satisfaction
- Conducted comprehensive case/system/process studies, enhancing project planning accuracy and improving system design and implementation efficiency
- Implemented React.js components, Forms, Events, Keys, Router, Animations, and Flux concept, enhancing user interface performance of the ESM Admin Portal
- Created a reusable component library (Tree, SlideView, and Table Grid), boosting development efficiency
- Improved API integration using Axios and Redux Thunk, streamlining data interaction
- Ensured application responsiveness with media queries, achieving cross-device compatibility
- Leveraged Bitbucket for version control, ensuring seamless collaboration across the team
- Developed ESM Admin Portal as a Single Page Application using AngularJS, boosting user engagement
- Implemented Redux for state management, enhancing data handling efficiency
- Designed multiple screens, improving user interface interaction
- Leveraged Redux Saga for local storage data retrieval, increasing performance

- Created custom UI services and directives using AngularJS, enhancing UI functionality
- Collaborated on REST API design, ensuring seamless integration with UI screens and reducing backend integration time

Sept 2018 – Aug 2021

Full-Stack Developer | REDIFCARD TECHNOLOGIES, India

Projects: **Celebrity Booking & Moviewud.in (Media & Entertainment) | Client: Internal (Own Product) | Team Size: 10**

- Standardized data access interfaces using React.js, improving data access speed
- Maintained Parent and Child elements with State and Props in React.js, enhancing code maintainability
- Used Single Page Applications and UI components and optimized performance, increasing load efficiency
- Built high-quality, scalable components with HTML5, CSS3, React.js, and Bootstrap, boosting front-end efficiency
- Leveraged Used Redux Thunk & Redux Saga for middleware, enhancing state management efficiency
- Implemented ES6 features, improving code readability
- Generated verification hash codes and user validations with Node.js, enhancing security
- Developed CRUD (Create, Read, Update, Delete) features and responsive design with React.js, improving user interaction
- Created custom Node.js scripts, reducing server connection latency
- Employed Axios for API calls, increasing data retrieval efficiency
- Built backend using Node.js, AWS, Express.js, and MongoDB, increasing system reliability
- Designed web pages with HTML, CSS, and JavaScript, improving user experience
- Maintained consistent code quality with ES6 and JSX, achieving a high readability score
- Utilized Git for version control, ensuring seamless collaboration
- Migrated codebase from JSP to JS and HTML5, improving development speed

EDUCATION

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| 2013 – 2017 | Bachelor of Technology (Electronics & Communications Engineering), Jawaharlal Nehru Technological University, Anantapur, India |
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CERTIFICATIONS

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| | Pursuing AWS Certified Cloud Practitioner (CLF-C01) and AWS Certified Developer – Associate (DVA-C02) |
| 2024 | Microsoft Certified: Azure Fundamentals (AZ-900) |
| 2024 | Microsoft Certified: Azure Developer Associate (AZ-204) |

PERSONAL SKILLS

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| Languages | English (proficient – C1/C2), Telugu (mother tongue) |
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KEY SKILLS

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| Front-end Development | React.js, Next.js, AngularJS, Vue.js, HTML5, CSS3, Bootstrap, Material UI |
| State Management | Context API, Redux, Redux Thunk, Redux Saga |
| API Integration | Axios, REST API |
| Backend Development | Node.js, Express.js, AWS, MongoDB |
| Testing & Quality Assurance | Jest, Cypress (with Cucumber framework), SonarQube |
| Continuous Integration (CI)/Deployment (CD) | Jenkins pipeline |
| Version Control & Collaboration | Git, Bitbucket |
| Performance Optimization | Server-side rendering (Next.js), SPA optimization |
| Project Management | SAFe methodology |
| Databases | MongoDB, Oracle, SQL Server, Redis |
| IDEs | Eclipse, Visual Studio Code |
| Tools | Postman, Git, GitHub, Bitbucket, Jira, AWS, Jenkins, Rally, Cypress, React Testing Library (RTL), JavaScript, Enzyme |

PERSONAL INTERESTS

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| Hobbies & Interests | Photography, Cooking, and Volunteering |
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