

# Praveena Mallipeddi

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Full Stack Developer

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## Professional Summary

- 5+ years of experience in developing and supporting user-friendly, enterprise-level web and mobile applications.
- Led design, implementation, and integration of React-Redux applications; collaborated on backend services and vendor evaluations.
- Proficient in React, Redux, JavaScript, Node.js, Express, Java Spring Boot, MongoDB, and MySQL.
- AWS Certified Cloud Practitioner; actively pursuing AWS Certified Solutions Architect – Associate certification.
- Experienced in Agile, SCRUM, and SDLC methodologies; excellent communication and problem-solving skills.

## Technical Expertise & Highlights

- Led technical projects from planning to execution, including scope definition, resource planning, and team mentoring.
- Evaluated vendor products (RFI/RFP), conducted system needs analysis, and negotiated contracts.
- Implemented custom applications; designed APIs, data-entry forms, and web services.
- Developed Bash, PowerShell scripts to automate system maintenance tasks and optimize performance.
- Managed Windows/Linux server environments, log monitoring, patching, and performance tuning.
- Supported Active Directory, Group Policy configurations, and streamlined user provisioning workflows.
- Documented systems and processes; provided support and training to end-users and technical teams.
- Integrated RESTful APIs; supported SQL Server, Oracle, and MongoDB databases.

## Certifications & Education

- AWS Certified Cloud Practitioner - [https://www.credly.com/badges/a2a4c884-c83b-4859-acc9-7db0c94fd884/public\\_url](https://www.credly.com/badges/a2a4c884-c83b-4859-acc9-7db0c94fd884/public_url)
- Preparing for AWS Certified Solutions Architect – Associate (SAA-C03)
- Salesforce Administrator & Developer Certified - <https://drive.google.com/file/d/1dWhMAR5pxWZvDiZX0ofMFk-dbmUwSLyP/view?usp=sharing>
- <https://drive.google.com/file/d/1Iq9aY1csvj6JDWhkq7Yg8sCbp53Oino4/view?usp=sharing>
- Python with Artificial Intelligence – Udacity Nanodegree
- Full Stack Web Developer Bootcamp – IRONHACK
- Bachelor of Electronics in Technology, India (2014)

## Technical Skills

- Front End: HTML, CSS3, JavaScript, JQuery, Bootstrap, React.js
- Back End: Node.js, Express.js, Java Spring Boot, RESTful APIs, PHP
- Databases: MySQL, MongoDB, PostgreSQL, SQLite
- Tools: Git, GitHub, Sanity.io, APIary.com
- Methodologies: Agile, SDLC, Waterfall
- OS: Windows, Linux

## Professional Experience

Confidential Startup Company | Sept 2022 – Jan 2025

Role: Full Stack Developer

- **Leveraged AI-powered tools** (e.g., GitHub Copilot, ChatGPT) to rapidly prototype and build front-end UI components for an iOS mobile app Proof of Concept (PoC), reducing development time by over 40%.
- **Utilized generative AI** to assist with real-time code generation, UI layout planning, and component refactoring, significantly accelerating the design-to-code workflow.
- Demonstrated the effectiveness of **AI-assisted** development in early-stage prototyping, contributing to the startup's product validation and investor pitch readiness.
- **Researched and compared payment processors** (e.g., Stripe, Square, PayPal, Braintree) to identify the most cost-effective and scalable solution for the startup's payment infrastructure.

- **Presented findings to startup founders**, clearly articulating technical trade-offs, security considerations, and business impact of integrating external payment services.
- Spearheaded creation of a React-Redux mobile app prototype, establishing core product architecture.
- Developed and deployed reusable components with React ES6; utilized Redux for state management.
- Integrated backend features using Sanity.io to provide full-stack functionality.
- Collaborated with cross-functional teams to ensure project quality and on-time delivery.
- Contributed to product strategy and technical decision-making as part of the leadership team.
- Implemented best practices for debugging, code optimization, and app reliability.
- Conducted team knowledge sharing sessions to boost skills and collaboration.

Bosch & Ford, Michigan | Jan 2022 – Aug 2022

Role: Full Stack Developer

- Supported Ford's commercial fleet vehicle monitoring web application.
- Enhanced ReactJS components in the OverTheAir (OTA) module and resolved API integration bugs.
- Collaborated with offshore and onsite teams to test Git changes and implement mobile enhancements.
- Mnemonics texts for multiple languages.
- Used React Bootstrap components for displaying popup information to show vehicle diagnostic codes.
- Modification of ReactJS code to consume new API format.
- Used React Bootstrap to display vehicle diagnostics and credit card payment interfaces.
- Participated in agile meetings and requirement gathering with business stakeholders.

McKesson, NV | Dec 2019 – Dec 2021

Role: Full Stack Developer

- Built responsive UI prototypes with HTML, CSS, JavaScript, and ReactJS.
- Developed single-page applications using ReactJS and MongoDB.
- Integrated backend using NodeJS and REST APIs; developed custom directives and services.

- Used Bootstrap and React to handle client-server communication and product management features.

BNY Financials, NV | Mar 2018 – Nov 2019

Role: Software Engineer

- Designed and developed SEO-optimized static websites with React, HTML, CSS, Sass, and Bootstrap.
- Collaborated with UX and marketing teams on full-stack MERN-based projects.
- Utilized APIary for mocking and testing APIs; implemented RESTful services and SQLite DB integration.
- Coordinated mobile app testing and release on Android devices.

### Key Projects

- Screen prints of iOS UI front end app developed as PoC for startup company – [https://gspmdocs.s3.us-east-1.amazonaws.com/iOS\\_App\\_Portfolio\\_Professional.docx](https://gspmdocs.s3.us-east-1.amazonaws.com/iOS_App_Portfolio_Professional.docx)
- Game Development (IRONHACK): Lead developer for canvas-based game using HTML5, CSS, JS.
- YouTube Replica App (IRONHACK): Developed React-based frontend integrated with YouTube API.
- Sports Collaboration Platform (IRONHACK): Built full-stack MERN app with real-time chat feature.