Madhava Reddy Vemireddy

📞 +91 8886380746   ✉ Vemireddyomr@gmail.com   **in** Madhava Reddy Vemireddy   🌐 maddytech.rf.gd

📍 No 16, 18th Cross 6th Main, BTm 2nd Stage, Bangalore, 560076

SUMMARY

- Results-oriented Full-Stack Developer with **4.3 years** of hands-on experience in building scalable and maintainable web applications.

- Proficient in **Front-End Development** using ReactJS, JavaScript, TypeScript, JSX, HTML5, and CSS3.

- Experienced in **state management** with Redux and Context API, and implementing client-side routing with React-Router.

- Skilled in designing **responsive, user-friendly UIs** using Flexbox, CSS Grid, SASS/SCSS, and following Responsive Web Design principles.

- Knowledgeable in integrating **RESTful APIs** using Axios and Fetch for seamless data communication between front-end and back-end services.

- Experience in **Micro Front-End (MFE) Architecture** to develop modular and scalable front-end applications.

- Proficient in **back-end development** with Java and Spring Boot, creating robust RESTful APIs and managing data with JDBC and SQL queries.

- Hands-on experience working with **Oracle Database** and ORM frameworks like Hibernate (JPA) for efficient data handling.

- Expertise in **PDF generation** using Jasper Studio and JasperReports for reporting and documentation.

- Familiar with **CI/CD pipelines** using Azure Pipelines and Jenkins, ensuring smooth deployment workflows.

- Proficient in **version control** tools like **Git, GitHub**, with strong expertise in **branching strategies, pull requests, rebasing, and collaborative workflows for enterprise-grade projects**.

- Experience with **AWS cloud services**, including RDS for database management and S3 for object storage.

- Skilled in using **monitoring and analytics tools** like Honeycomb, Grafana, and Splunk to ensure application performance and reliability.

- Proficient in **software tools and IDEs**, including VS Code, Visual Studio, Postman, and Swagger, for efficient development and API testing.

- Strong focus on **testing and debugging**, utilizing Jest and Chrome DevTools to deliver high-quality, error-free solutions.

- Excellent team player with a proactive approach and commitment to delivering efficient, maintainable, and high-performance applications.

Education

- **B.Tech in Computer Science**, *RISE Krishna Sai Prakasam Group Institutions* (June 2017 - Aug 2021) — GPA: 7.73/10.0

- **Intermediate**, *Narayana Jr College*, Kadapa (2015 – 2017) — GPA: 93.3/100

- **SSC**, *Vijaya High School*, Porumamilla (2015) — GPA: 87/100

Experience

Amiti Software Technologies Pvt. Ltd.   Bengaluru
Software Developer   **June 2021 – Present**

SKILLS

Front-End:

- **Core Technologies:** ReactJS, JavaScript, TypeScript, JSX, HTML5, CSS3
- **State Management:** Redux, Context API
- **Routing:** React-Router
- **Styling & Layout:** Flexbox, CSS Grid, Responsive Web Design, SASS/SCSS
- **APIs:** RESTful APIs, Axios / Fetch
- **Build Tools:** Webpack
- **Testing:** Jest
- **Debugging & Tools:** Web Debugging, Chrome DevTools
- **Micro Front-End (MFE):** Micro Front-End Architecture

Back-End:

- **Core Technologies:** Java, Spring Boot
- **Databases:** Oracle Database
- **ORM:** Hibernate (JPA)
- **API Design:** RESTful APIs
- **Data Access:** JDBC, SQL Queries
- **PDF Generation:** Jasper Studio, JasperReports
- **Version Control:** Git, GitHub, Azure DevOps
- **CI/CD:** Azure Pipelines, Jenkins

VERSION CONTROL: Git, GitHub (branching strategies, pull requests, rebasing, collaborative workflows)

CLOUD PLATFORMS: AWS (RDS, S3)

MONITORING & ANALYTICS TOOLS: Honeycomb, Grafana, Splunk

SOFTWARE & IDEs: VS Code, Visual Studio, Postman, Swagger

Projects

Retail Inventory Management System (Retail IMS) & Appraisals

Overview: Developed a vehicle appraisal and inventory management system enabling sellers to connect with dealerships, receive quotes, and manage vehicle sales through auctions.

Responsibilities:

- Implemented the **Appraisal Module** where sellers receive price quotes from dealerships and decide to accept, reject, or send vehicles to auction.
- Developed auction workflows with a **45-day expiration mechanism** for unsold vehicles.
- Built an **Inventory Management System** allowing dealerships to track vehicles, move them to auctions, and manage high-bid sales.
- Designed dynamic **ReactJS** components for quote management, appraisal status, and auction tracking.
- Developed RESTful APIs in **Java Spring Boot** for dealership communication, bid tracking, and vehicle status updates.
- Integrated **Oracle Database** with Hibernate (JPA) for efficient data management and retrieval.

Technologies Used: ReactJS, Redux, Java, Spring Boot, Hibernate (JPA), Oracle Database, Git, Azure DevOps

Vehicle Auction Platform – Search and Purchase Optimization

Overview: Developed and optimized a vehicle auction platform for automotive financial companies, enhancing search, bidding, and purchasing workflows.

Responsibilities:

- Built advanced search functionality with dynamic filtering using **Java Spring Boot** APIs and **ReactJS** components.
- Developed a seamless vehicle bidding and purchasing workflow, integrating direct purchases, best offers, and autobids.
- Implemented reusable UI components (e.g., Filter Modal, Bid Summary) for a responsive and intuitive experience.
- Integrated **Oracle Database** via Hibernate (JPA) to store and manage bidding and vehicle data.

Technologies Used: ReactJS, Redux, Java, Spring Boot, Hibernate (JPA), Oracle Database, Git, Azure DevOps

HCC Loan Payoff Platform

Overview: Built a loan payoff platform for Hyundai Capital Canada, enabling users to view loan details, calculate fees, and submit payoff requests.

Responsibilities:

- Developed RESTful APIs in **Java Spring Boot** to retrieve loan details, calculate payoff amounts, and process customer requests.
- Designed a responsive **ReactJS** interface for VIN-based loan retrieval and payment processing.
- Generated PDF payoff receipts using **JasperReports** and **Jasper Studio**.

Technologies Used: ReactJS, Redux, Java, Spring Boot, Hibernate (JPA), Oracle Database, JasperReports, Git, Azure DevOps, Jenkins

Independent Projects

React Micro-Frontend (MFE) Portfolio

Overview: Developed a micro-frontend-based portfolio with multiple React repositories, showcasing personal details, skills, and experience.

Responsibilities:

- Designed and built modular **ReactJS** applications (`maddy-widgets`, `maddy-login`, `maddy-shell`) using Webpack Module Federation and lazy loading.
- Integrated **Java Spring Boot** APIs for account management and SMTP-based email services.
- Deployed the project on **Netlify**, enabling dynamic content loading and seamless deployment.

Technologies Used: ReactJS, Webpack, Java, Spring Boot APIs, SMTP, Netlify, GitHub

IRASAH – Training Institute Website

Overview: Built a static, mobile-responsive React application for a training institute.

Responsibilities:

- Developed a clean and responsive UI for course listings, event schedules, and contact forms.
- Integrated **Email.js** for handling user queries and contact form submissions.
- Deployed the application on public web hosting platforms for seamless access.

Technologies Used: ReactJS, Email.js, Public Web Hosting