

Sai Kiran Malladi

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Profile Summary

- Full-stack developer with 3 years of experience with strong focus on front-end technologies like Vue.js and React.js and back-end technologies like PHP, Node.js and Express.js
- Skilled in creating scalable web applications and delivering high-performance, user-centric designs with a strong focus on security, responsiveness and seamless API integration's.
- Have extensive experience with cloud platforms and database management.
- Proven ability to enhance workflows through automation, testing, and CI/CD pipelines, making operations more efficient
- Proven ability to collaborate effectively in team environments, manage time efficiently, and troubleshoot technical challenges.

Technical Skills

- Front-End Development: HTML5, CSS3, Bootstrap, JavaScript (ES6+), JQuery, Vue.js, React.js
- Back-End Development: PHP, REST APIs, Node.js, Express.js
- Database Management: MySQL, MongoDB, Redis, DynamoDB, PostgreSQL
- Cloud & DevOps: AWS (EC2, S3, DynamoDB), Docker, Jenkins, Git
- Testing & Debugging: Cypress, Postman, PHPUnit, Selenium, SonarQube, Burp suite, JMeter
- Version Control: Git (GitHub, GitLab)
- Other: API Integration, Performance Optimization

Experience

Cartrade Tech (MXC Solutions), Senior Engineer

Oct 2021 – present | Kakinada, India

- **Full-Stack Development:** Spearheaded the end-to-end development of high-traffic web platforms using Vue.js/React.js for front-end and PHP/MongoDB & Node/MongoDB for back-end, supporting thousands of concurrent users and facilitating secure financial transactions.
- **API Development & Integration:** Led the design and deployment of RESTful APIs, integrating multiple banking systems with complex encryption protocols, ensuring seamless interaction between external services and internal applications.
- **UI/UX Optimization:** Implemented responsive, user-friendly interfaces that improved site usability and decreased bounce rates by 15% through intuitive design and enhanced accessibility across devices.
- **Automation & Testing:** Streamlined deployment and testing pipelines by incorporating Docker, Jenkins, and automated test suites (Cypress, Postman), reducing production deployment times by 30% and minimizing manual intervention.
- **Collaboration & Leadership:** Worked closely with product owners, designers, and QA teams to translate business requirements into technical specifications, resulting in the successful delivery of projects ahead of deadlines.
- **Security & Data Privacy:** Strengthened application security by implementing robust encryption standards and adhering to industry best practices, safeguarding sensitive user data against breaches.

Key Achievements

- Increased system performance by 25% through optimization of back-end queries and database indexing.
- Reduced server downtime by 40% by migrating legacy infrastructure to AWS and introducing automated monitoring and alerting systems.
- Delivered a high-profile project 2 weeks ahead of schedule, contributing to an increase in user engagement by 12%.

Projects

CarTrade Exchange

Technologies: Vue.js, PHP, MySQL, MongoDB, AWS (EC2, S3, Lambda), API Integration

- **Objective:** Developed a vehicle loan facilitation platform for CarTrade, CarWale, and BikeWale, connecting customers with multiple financial institutions to provide secure and competitive loan offers.
- **Key Contributions:** Architected and developed the entire system from front-end to back-end, implementing a dynamic customer portal where users could securely submit their vehicle and personal details to receive instant loan eligibility results.
- **Security & Data Privacy:** Played a pivotal role in encrypting sensitive customer information using advanced cryptographic techniques, ensuring secure data transmission between CarTrade and partnering banks.
- **Admin & CRM Modules:** Created an admin dashboard to manage user data and track loan applications, enabling CarTrade staff to efficiently monitor transactions and generate detailed reports for business analytics.
- **Impact:** The platform streamlined the loan application process, reducing the turnaround time for loan approvals by 30%, and improved customer engagement through real-time feedback on loan status.

Bajaj Auto Finance

Technologies: Vue.js, PHP, MongoDB, API Integration

- **Objective:** Built a seamless vehicle financing system for Bajaj Auto Finance, offering customers and dealers a fast and efficient way to secure loans for new bikes and commercial vehicles.
- **Key Contributions:** Designed and implemented two workflows – Dealer Sales Executive (DSE) and Direct Customer Flow (D2C). In the DSE flow, dealers submitted customer information, and in the D2C flow, customers independently checked available loan offers based on their profiles.
- **API Integration:** Integrated multiple banking APIs to fetch real-time loan offers, ensuring that the customer received the best possible financing options. Successfully tackled challenges related to encryption algorithms specific to each bank, ensuring smooth and secure API communication.
- **Impact:** Enhanced the loan processing system, increasing loan application efficiency by 25% and providing customers with a smoother and faster experience when applying for vehicle financing.

Mahindra Auto Finance

Technologies: Vue.js, PHP, MongoDB, API Integration

- **Objective:** Delivered a comprehensive vehicle financing platform for Mahindra Auto Finance, managing end-to-end workflows from lead generation to disbursement of loans for new car purchases.
- **Key Contributions:** Developed an application allowing sales executives to post customer leads, which were then matched with loan offers from banks based on the customer's profile and selected vehicle. The platform simplified the decision-making process for both sales executives and customers by presenting personalized loan offers.
- **Challenges:** Overcame complex challenges in integrating APIs from various financial institutions, each with unique encryption and authentication protocols, ensuring secure and reliable communication.
- **Impact:** Reduced the lead-to-loan disbursement time by 20%, increasing customer satisfaction and improving overall loan approval rates.

OLX Vehicle Financing

Technologies: Vue.js, PHP, MongoDB, API Integration

- **Objective:** Recently worked on OLX where customers could apply for financing directly through the platform for the vehicle they selected, simplifying the process of securing funds for used vehicles listed on OLX.
- **Key Contributions:** Developed the customer-facing interface where users could select a vehicle and view personalized loan offers based on the vehicle's value and their financial profile. The platform connected users with a range of financial institutions, making the financing process more transparent and user-friendly.

- **User Experience:** Focused on improving the user journey by creating an intuitive application form that guided customers through the process of submitting personal and financial details, with real-time updates on their financing options.
- **Impact:** The solution improved customer engagement on OLX, with an increase in loan applications for vehicles by 15%. By integrating multiple banks, it provided users with flexible financing options, leading to higher vehicle sales on the platform.

Appreciations

- **Best Employee of the Year 2022 & 2023:** Recognized for delivering critical projects under tight deadlines and exhibiting excellent team collaboration and leadership.
- **Most Valuable Resource:** Awarded for outstanding problem-solving skills and consistent contribution to the success of multiple high-impact projects.
- **Client Recognition:** Praised by clients for consistently delivering high-quality solutions that exceed expectations, particularly in the areas of API integration and security.

Education

VSM College of Engineering
Bachelor of Technology

Aug 2017- May 2020
Kakinada, Andhra Pradesh