

RAJABALAN M

Software Engineer

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Chennai, Tamil Nadu.

ABOUT ME

Detail-oriented and solution-driven Software Engineer with 4+ years of hands-on experience building scalable and responsive applications using HTML, CSS, JavaScript, React JS, and MySQL. Proven track record of designing and deploying custom software solutions. Adept at collaborating with cross-functional teams, translating business requirements into intuitive interfaces, and ensuring seamless user experiences. Strong expertise in debugging, optimization, and full-cycle application development, from architecture planning to deployment.

SKILL

- **Frontend:** React.js, HTML5, CSS3, JavaScript, jQuery, Ajax
- **Backend:** Node JS, Express JS
- **Databases:** MySQL, MongoDB
- **Cloud & DevOps:** AWS, Git
- **Tools:** MySQL Workbench, Postman, JIRA, Freshdesk

WORK EXPERIENCE

Pillir | appsFreedom India Private Ltd, Chennai.

JULY 2021 – PRESENT

Software Engineer

- Design and develop scalable, applications customized to meet each client's unique business requirements.
- Collaborated with the Customer Success Manager to deliver implementation services, supporting successful app development and deployment.
- Performed detailed business and gap analysis, gathered requirements, and designed application architecture aligned with client expectations.
- Worked closely with UI/UX designers to create intuitive and user-friendly interfaces, ensuring a smooth development process and enhanced user experience.
- Executed thorough testing including functional, performance, and user acceptance testing to ensure high-quality application delivery.
- Managed end-to-end change management, deployment planning, and roll-out activities, ensuring smooth and error-free application launches.
- Demonstrated strong technical expertise in developing complex web applications and websites.
- Provided real-time support and proactively implemented design updates and enhancements for deployed applications.

Support Engineer

- Analyzed customer-reported issues, identified root causes, and delivered timely and effective resolutions to ensure customer satisfaction.
- Conducted end-to-end debugging of application errors, addressing both front-end and back-end issues.
- Provided immediate workarounds and implemented long-term solutions to minimize business disruptions.
- Created and maintained documentation of recurring issues, resolution steps, and best practices to enhance team knowledge sharing and support efficiency.
- Successfully reduced overall support resolution time through proactive issue management and streamlined troubleshooting processes.
- AWS Cloud Support – Managed and optimized EC2 instances, S3 storage, and RDS databases.

PROJECTS

Villara Building Systems – McClellan Park, California

- Developed a suite of applications including:
- Employee Time Entry – Allowed employees to log daily work hours and tasks efficiently.
- Supervisor Time Approve – Enabled supervisors to review, approve, or reject submitted time cards.
- Payroll Upload – Streamlined the process of transferring approved time cards into the SAP system for payroll processing.

Responsibilities:

- Conducted requirement analysis, estimation, design, and development of various modules.
- Independently developed the Time Entry and Time Approval modules.
- Ensured smooth integration with SAP for payroll data processing.

Pladis Global – London, England

- Product Catalog – Created an online platform to showcase Pladis' entire product range in the UK.
- Growth Forecast – Built a demand planning application to forecast production needs and manage monthly volume approvals via a structured workflow.

Responsibilities:

- Led requirement analysis, estimation, and full-cycle development of all modules.
- Independently developed the Growth Forecast application, incorporating complex business logic, time-based data entry, and multi-level approval processes.
- Ensured performance optimization and ease of use for planners and approvers.

Vibrantz Technologies Inc. – Houston, Texas

- Recipe Management – Developed an application that allows users to create, edit, and manage colorant recipes with precision, including build history for tracking formulation changes and maintaining quality control.

Responsibilities:

- Managed estimation, design, and development of all modules.
- Handled complex calculations and formula-based logic with high accuracy.
- Ensured robustness, traceability, and consistency across all recipe data records.

EDUCATION

B.TECH – INFORMATION TECHNOLOGY

2017-2021

Mepco Schlenk Engg College

LANGUAGE

- English
- Tamil