AMALRAJ.R
Senior Software Engineer

Mobile: 9113920931   **Email ID:** amalrajmca1995@gmail.com
Address: www.linkedin.com/in/amal-r1995/   **DOB:** 09-02-1995

A highly motivated and results-oriented software engineer with 6+ years of experience seeks to leverage expertise in Angular, React, and various JavaScript frameworks to contribute to a challenging Senior Software Engineer role in the Computer Software/Engineering industry. Proven ability to design, develop, and maintain scalable and user-friendly web applications across diverse industries including e-commerce, healthcare, and education. Expertise in collaborating with cross-functional teams to deliver high-quality solutions that align with business objectives. Passionate about staying at the forefront of software development trends and technologies to drive innovation and deliver exceptional user experiences.

Professional Summary

- Delivered scalable and user-friendly web applications across e-commerce, healthcare, and education industries leveraging expertise in Angular, React and Javascript frameworks.
- Successfully transformed legacy systems for clients by upgrading them with modern technologies, enhancing performance, user experience, and maintainability.
- Designed and developed an Entitlement Management System, enhancing user satisfaction.
- Built e-commerce, healthcare, and school management system applications using Angular and React frameworks.
- Successfully implemented projects from scratch, consistently meeting requirements and delivering on time.

Work Experience

Senior Software Engineer   Nov 2019 - Present
Utthunga Technologies Pvt Ltd. (Bengaluru)

Responsible for designing, developing, and maintaining software solutions. Collaborated with cross-functional teams, including design, product, and QA, to ensure seamless project execution, timely releases, and exceptional product quality. Provided client support, swiftly resolving technical issues to ensure a seamless user experience and high levels of customer satisfaction.

- Engineered robust and scalable software solutions, utilizing expertise in Angular 8+, Angular Material, PrimeNG, Jasmin, Karma, Postman, Swagger and related technologies, to meet evolving business needs.
- Developed and maintained a mission-critical Entitlement Management System, ensuring seamless user access and contributing to enhanced user satisfaction.
- Successfully modernized legacy systems for diverse clients by migrating them to modern architectures using Angular, React, and Material UI, resulting in improved performance, maintainability, and a superior user experience.

Achievements:

Successfully transformed a legacy system, enhancing its performance, user experience, and maintainability, by upgrading it with modern technologies such as Angular, ReactJS, Angular Material, and Material UI, delivering a scalable and responsive solution aligned with current industry standards.

Software Engineer   Sep 2019 - Nov 2019
Xenovex Technologies Pvt. Ltd (Chennai)

Web Developer   Aug 2018 - Aug 2019
Dots it Solutions (Chennai)

Responsible for designing, developing, and implementing web applications tailored to meet unique business requirements. Worked collaboratively with team members to ensure seamless feature integration, adhering to best practices for code quality and performance optimization.

- Developed and implemented web applications leveraging Angular 2+, Material UI, and other frontend technologies, to address specific business needs.
- Built an e-commerce platform integrated with healthcare and school management system functionalities. Designed and developed, this application enhanced business operations and improved customer engagement.
- Created interactive prototype web pages to gather user feedback, ensuring alignment with user needs and refining functionalities for an optimal user experience.

Achievements:

Successfully delivered a fully functional application, meeting all project requirements and deadlines, demonstrating a strong commitment to delivering high-quality results within time constraints.

Technical Skills

Angular	●●●●●
React	●●●●○
TypeScript	●●●●○
JavaScript	●●●●●
HTML	●●●●●
CSS	●●●●●
Node.js	●●●●○
Redux	●●●●○
Material UI	●●●●○
Git	●●●●○
Jasmin	●●●●○
Karma	●●●●○
Postman	●●●●○
Swagger	●●●●○

Soft Skills

Communication
Problem-solving
Teamwork
Adaptability
Time Management
Creativity
Analytical Skills
Attention to Detail
Client Focus
Self-Motivation

Core Competencies

Front-End Development
Web Application Development
JavaScript Frameworks
Software Design & Development
Legacy System Modernization

Education

MCA Computer Application   (2016 - 2018)
Sri Ramakrishna Mission College of arts and Science, Coimbatore, Tamil Nadu

BCA Computer Application   (2013 - 2016)
Sri Ramakrishna Mission College of arts and Science, Coimbatore, Tamil Nadu

Projects

TI Device HTML5
- Engineered comprehensive test functionalities for Multipoint and Valve Signature Tests within the TI Device HTML5 project, leveraging **Angular 16, Angular Material, Jasmin, Karma, Postman, Swagger** and related technologies.
- Developed detailed test reports, providing actionable insights and ensuring the delivery of high-quality software.
- Designed and implemented dynamic, interactive graphs for Multipoint Tests and Valve Signature Tests, empowering stakeholders with clear visualizations of test data for enhanced analysis and decision-making.

Sculmburger (SLB)
- Developed an Operator Dashboard featuring real-time status updates for sensor calibration and landing status, utilizing **Angular 16, Angular Material, Jasmin, Karma, Postman, Swagger** and related technologies, for the Sculmburger (SLB) project.
- Enabled Operators to generate detailed reports for individual sensors, improving data analysis and decision-making capabilities.
- Implemented a robust Job Management system, empowering Operators to efficiently add, edit, and clone jobs within the platform. Ensured the detection page dynamically updated based on job configurations for increased operational efficiency.

Asset Sentinel Model Development
- Designed and implemented a robust Notification Panel using React and Redux, enabling efficient tracking of new and in-progress events within the Asset Sentinel Model Development project.
- Developed comprehensive Fault and Asset Summary Information components, leveraging Redux for optimized state management and ensuring dynamic UI updates for enhanced data visualization.
- Integrated a Global Search functionality into the Notification Panel, utilizing Redux for streamlined state management and incorporating optimized search algorithms for rapid and accurate results retrieval.

Auto AI (Jan 2021 - March 2021)
- Designed and implemented a robust application architecture for Auto AI, a comprehensive platform for project and user management, utilizing technologies such as **Angular 10, Angular Material, Primefaces, Jasmin, Karma, Postman, Swagger and Git**.
- Developed core functionalities enabling users to seamlessly create, view, edit, and delete projects, ensuring efficient project lifecycle management.
- Implemented functionalities within the project page, including options to show structure, load engines, and launch Jupyter Notebooks directly from the platform, streamlining workflows for enhanced productivity.

Wireless Device Manager | Angular 10, Node JS (Nov 2019 - Jan 2021)
- Designed and developed a comprehensive Wireless Device Manager application using **Angular 8, Angular Material, Node.js, and PrimeNG, Jasmin, Karma, Postman, Swagger**, empowering users to design, commission, configure, and monitor wireless networks from a centralized location.
- Implemented functionalities to configure and commission associated field devices, streamlining network management operations for enhanced efficiency.
- Engineered the Wireless Device Manager to function as a network gateway, facilitating seamless communication between third-party applications and field devices.

Hobbies

Coding, Tech Blogs, Web Design, Learning

Languages

English, Tamil