



Sasidhar Dwadasi

SENIOR FULL STACK SOFTWARE
ENGINEER

Profile

Seasoned Full-Stack Engineer with a decade of experience in React, Redux, TypeScript, NodeJS, Angular. Adept at end-to-end solution architecture and tackling complex challenges.

Details

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Links

<https://www.linkedin.com/in/sasidhard/>
<https://sasidhar-dwadasi.in>

Skills

React

Typescript

Node JS

JavaScript

Angular 2+

Redux

PostgreSQL

React Native

MongoDB

MySQL

Employment History

Senior Software Engineer II at GM Cruise, Remote (Freelance contractor)

FEBRUARY 2022 — DECEMBER 2023

- Spearheaded the backend development for the company's innovative delivery system, focusing on last-mile delivery of groceries and packaged food using autonomous vehicles.
- Successfully integrated a major delivery partner, managing the end-to-end implementation process. This involved close collaboration with various stakeholders to ensure seamless integration with the existing system.
- Developed and implemented comprehensive end-to-end tests using autonomous vehicle bots, significantly enhancing system reliability and operational efficiency.
- Led a key initiative to automate processes in partner integration, which resulted in a 30% reduction in manual effort and faster onboarding times for new partners.

Skill set: Typescript, NodeJS, TypeORM, PostgreSQL, Jest, React.

Senior Software Engineer at Exacta Process Platforms, Remote (Freelance contractor)

MARCH 2021 — FEBRUARY 2022

- Architected an advanced, mid-fidelity simulation-based training unit system from the ground up, enhancing user training in complex systems and securing a subsequent project due to its innovation and effectiveness.
- Engineered a reusable UI component library to streamline consistency and efficiency across multiple front-end applications.
- Developed an intuitive flow chart builder using SVG and React, enabling users to easily create detailed multi-step diagrams.
- Created a sophisticated lesson processor for the training system, effectively parsing modules and orchestrating sequential training execution.
- Designed a dynamic, JSON-defined user interface, optimizing user experience and interface adaptability. Conducted code reviews, ensuring adherence to high-quality standards and fostering best practices in software development.

Skill set: Typescript, React, Electron

Senior Software Engineer at Fanatics, Hyderabad

FEBRUARY 2019 — MARCH 2021

- Led the successful transition from a legacy front-end application to an updated, React-based architecture, significantly improving performance and user experience.
- Developed and maintained tools for the CRM team, aiding business units in creating targeted campaigns for audience expansion during peak periods.
- Solely designed and implemented a full-stack solution for a business metric visualization portal, utilized company-wide for continuous stakeholder insights.

Skill set: React, Redux, Typescript, NodeJS, HTML, CSS

Technical Lead at Webileapps (startup), Hyderabad

JANUARY 2018 — FEBRUARY 2019

- Led a team of five in developing an Angular 7-based web application to streamline healthcare services accessibility.
- Orchestrated application architecture and guided the team towards efficient code reusability for broader application across sister products.

- Enhanced performance through 'above the fold' content optimization and implemented modularization for reduced initial bundle sizes.
- Coordinated with backend partners while managing front-end development, ensuring quality and timely delivery.

Skill set: Angular 7, Angular Material, NgRx, HTML5, CSS3

Senior Software Engineer at Webileapps (startup), Hyderabad

JANUARY 2016 — JANUARY 2018

- Worked as a Senior User Interface Developer at Webileapps. Collaborated with designers and developers to create user-friendly and visually appealing interfaces. Utilized HTML, CSS, JavaScript, and other technologies to implement UI designs. Served as a Senior Software Engineer in a full-stack capacity, handling diverse projects across various domains.
- FacilityAlly: Functioned as a full-stack engineer for Hyvee Arena's web application. Implemented dynamic asset creation on floor maps using Fabric.js and devised backend solutions for asset booking and overlap avoidance.
- Volery: Developed an investment cycle web application. Focused on Redux for flux architecture, managed side effects with ngrx, and optimized build processes for different environments.
- Ligato: Contributed to a hospitality sector application, implementing Redux architecture, managing side effects with ngrx, ensuring code reliability, and handling unit and end-to-end testing

Skill set: Angular 5, ExpressJS, FabricJS, D3, Angular Material, MongoDB

UI Developer at Webileapps (startup), Hyderabad

DECEMBER 2014 — DECEMBER 2015

- Developed dynamic, JavaScript-based charting application using D3, SVG, HTML5, and CSS3, integrating big data analytics for cross-platform visualization.
- Enhanced iCharts graphing engine for sophisticated chart building and rendering, with extensive customization options.
- Integrated graphing solutions with React and implemented Redux for flux architecture.
- Utilized redux-loop for handling side effects in the application.
- Played a key role in understanding functional and technical requirements for each sprint.

Skill set: React, HTML5, D3, SVG, NodeJS, PhantomJS

Education

MSIT (Master of Science), International Institute Of Information Technology, Hyderabad

2012 — 2014

Bachelor Of Technology, Sri Vasavi Engineering College, Tadepalligudem

2008 — 2012

Internships

Technical Intern at Yahoo, Bangalore

FEBRUARY 2014 — OCTOBER 2014

As a Technical Intern at Yahoo, I focused on a project for Syndication Partners, developing in EmberJS with a Perl-Catalyst/YApache backend and MySQL. My role involved understanding requirements, designing UX in EmberJS, handling complex DB transactions, and implementing role-based access.