



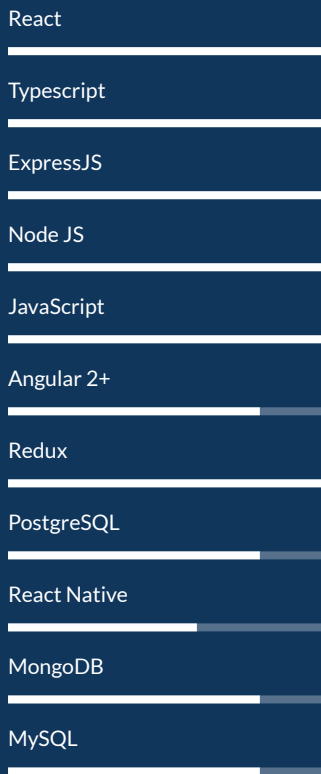
# Sasidhar Dwadasi

JAVASCRIPT STAFF ENGINEER

## Details

Hyderabad  
India  
8977718880  
[sasidhar.dwadasi@gmail.com](mailto:sasidhar.dwadasi@gmail.com)

## Skills



## Links

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

## Profile

Seasoned Javascript 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.

## Employment History

### Senior Software Engineer II, GM Cruise, Remote (Toptal Contractor)

FEBRUARY 2022 – DECEMBER 2023

- Integrated a major delivery partner, overseeing end-to-end implementation and ensuring seamless integration with the existing system.
- Automated key processes in partner integration, reducing manual effort by 30% and accelerating on-boarding time of new partners.
- Led a major code refactoring initiative, improving functionality and re-usability, which enhanced system performance by 20%.
- Developed comprehensive end-to-end tests using autonomous vehicle bots, enhancing system reliability and operational efficiency.
- Mentored junior developers, providing in-depth code reviews and guidance on best practices in TypeScript and Clean Architecture.

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

### Lead Developer (CTO:Sasi Software Solutions), Client: Exacta Process Platforms, Remote

MARCH 2021 – FEBRUARY 2022

- Architected and developed an advanced, mid-fidelity simulation-based training unit for a defense system from the ground up, enhancing user training in complex systems and securing a subsequent project due to its innovative design and effectiveness.
- Engineered a reusable UI component library, streamlining consistency and efficiency across multiple front-end applications, leading to a 25% reduction in development time for new features.
- Developed a sophisticated lesson processor for the training system, effectively parsing modules and orchestrating sequential training execution, which enhanced the training experience's effectiveness and interactivity.
- Conducted thorough code reviews and upheld high-quality standards, fostering best practices in software development across the team and reducing post-deployment bugs.
- Developed a custom logging solution that streamlined the debugging process, reducing time spent on identifying and resolving issues by 50%, thereby increasing overall development efficiency.
- Orchestrated complex CSS transitions to simulate missile movements, managing precise timing and execution, significantly enhancing the application's realism and user engagement.
- Tackled unique technical challenges daily, such as implementing sophisticated undo and redo functionalities, integral to the training system's usability, enhancing the overall user interaction experience.

Skill set: Typescript, React, Electron, HTML5, CSS3

### Senior Software Engineer, Fanatics, Hyderabad

FEBRUARY 2019 – MARCH 2021

- Led the successful transition from a legacy front-end system to a modern React-based architecture, enhancing the platform's performance and user experience, resulting in a 20% increase in user engagement.
- Developed and implemented a CRM tool for the business team, aiding in creating targeted campaigns and contributing to a noticeable expansion of the customer base.
- Spearheaded the creation of a full-stack solution for a business metric visualization portal, utilized company-wide, which improved operational decision-making and increased process efficiency.
- Collaborated closely with cross-functional teams to ensure seamless back-end and front-end component integration, resulting in a more robust and scalable platform.,.
- Pioneered the use of advanced state management techniques using Redux, improving the maintainability and scalability of the application's front-end architecture.

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

### **Technical Lead, Webileapps, Hyderabad**

JANUARY 2018 – FEBRUARY 2019

- Led a team of five engineers in developing an Angular 7-based web application, streamlining healthcare service accessibility and improving user experience by 30%.
- Directed the architecture of the application, focusing on efficient code reusability across sister products, which led to a 20% reduction in development time for new modules.
- Implemented above-the-fold content optimization and modularization strategies, reducing initial bundle sizes by 40% and enhancing the application's load time and performance.
- Coordinated effectively with back-end partners while managing front-end development, ensuring timely delivery and maintaining high quality in all project phases.
- Led company-wide JavaScript meetups to discuss technical challenges and mentor junior developers, enhancing team expertise and understanding of advanced concepts.
- Introduced and enforced best coding practices and modern development methodologies, resulting in a 25% increase in team productivity and a significant reduction in post-deployment issues.

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

### **Senior Software Engineer, Webileapps, Hyderabad**

JANUARY 2016 – JANUARY 2018

- Spearheaded front-end development for a sports arena booking system, enhancing user interface and experience, resulting in a 20% increase in online bookings.
- Played a pivotal role in an investment platform project, focusing on Redux architecture and side effects management, which improved application reliability and user engagement.
- Developed a progressive web application for job recruitment, implementing custom reusable components and optimizing for mobile-first usage, leading to a 25% increase in mobile user traffic.

- Integrated complex data visualizations in a charting library using D3 and React, significantly enhancing user data interpretation and interactivity.
- Led technical and functional requirement analysis for multiple projects, streamlining development processes and reducing sprint cycle times by 15%.
- Led company-wide JavaScript meetups to discuss technical challenges and mentor junior developers, enhancing team expertise and understanding of advanced concepts.

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

## UI Developer, Webleapps, Hyderabad

DECEMBER 2014 – DECEMBER 2015

- Developed a dynamic JavaScript-based charting application using D3, SVG, HTML5, and CSS3, resulting in a 20% increase in analytical capabilities and user engagement.
- Enhanced the core features of a charting library, improving its customization options and ease of use, which led to a 30% increase in developer efficiency.
- Integrated advanced graphing solutions with React, implementing Redux for state management, which enhanced application performance and scalability.
- Played a crucial role in understanding and implementing functional and technical requirements, contributing to a 15% reduction in development time per sprint.
- Participated actively in architectural-level decisions, ensuring a robust and efficient design and contributing to a decrease in post-deployment issues by 25%.

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

## Internships

### Technical Intern, 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.

## Education

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

2012 – 2014

### Bachelor Of Technology, Sri Vasavi Engineering College, Tadepalligudem

2008 – 2012