

# SIVAPRASAD ALURI

## Technical Analyst - II

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Hyderabad, India



## SUMMARY

Highly skilled and results-oriented Front-End Developer with over 11 years of experience in crafting exceptional user experiences and building robust web applications. Adept at translating design mockups into pixel-perfect, responsive interfaces while ensuring optimal performance, accessibility, and usability. Strong expertise in **HTML5**, **CSS3**, **JavaScript**, **ES6**, modern **JavaScript** technologies such as **React**, **Angular**, **Node.JS** and design Frameworks like **MUI**, **EUI**, and **Bootstrap**.

## SKILLS

React.JS	Next.JS	Redux	Typescript	JavaScript	ES6	HTML5	CSS3	SCSS	Bootstrap
Material UI	Angular	jQuery	Node JS	MongoDB	Docker	D3JS	Jest / Enzyme		

## EXPERIENCE

### Technical Analyst - II

Nemetschek India Private Limited

03/2023 - Present Hyderabad

The Nemetschek Group is a forerunner of digital transformation in the AEC/O industry and covers the entire life cycle of construction and infrastructure projects. With intelligent software solutions, we lead our customers into the future of digitalization.

#### SOLIBRI (Inside, IDS Editor) :

- SOLIBRI inside** is a **BIM Domain**, and Capture errors as you design, before they become frustrating rework in the final build. Start checking model quality for free and create flawless architectural models meeting the highest BIM quality standards right within your design software.
- Have Developed **IDS Editor**, **IDS** is a standard from buildingSMART for defining BIM information requirements in a way easy to read for humans and interpret for computers.
- In the R&D team, my responsibilities involve Front End Development, utilizing technologies such as **React.js**, **Next.js**, **Typescript**, **MUI**, **HTML5**, **CSS3**, **Context API**, **Xml2JS** and **jest/Enzyme**.
- Worked closely with UI/UX designers to translate design mockups and wireframes into high-quality code, ensuring pixel-perfect implementation and adherence to design guidelines.
- Developed reusable UI components and Custom Hooks to promote code reusability, maintainability, and scalability across projects.
- Implemented state management solutions with Context API
- Worked closely with back-end developers, designers, and product teams and Integrating APIs and ensuring seamless data flow between front-end and back-end.
- have done code reviews to ensure code quality, consistency, and adherence to coding standards.
- Write unit tests and integration tests using testing frameworks like Jest and React Testing Library to ensure the reliability and stability of the application.
- proficient in using version control systems like Git.
- strong problem-solving skills and are able to approach complex challenges with creativity and resourcefulness, finding innovative solutions to technical obstacles.

## Engineering Lead

### Persistent Systems Limited

📅 12/2020 - 03/2023 📍 Hyderabad

Persistent is trusted Digital Engineering and Enterprise Modernization partner, combining deep technical expertise and industry experience to help Their clients.

#### Amazon OpenSearch :

- OpenSearch is a fully open-source search and analytics engine for use cases such as log analytics, real-time application monitoring, and clickstream analysis.
- Analyzed and Implemented on Customizing the Charts from OpenSearch to **PlotlyJS and Grafana** using **React With Typescript**.
- Implemented Creating the Reusable Components, and Used **React Hooks**.
- Implemented the Mockups through **CSS3** and **Elastic UI** Components.
- Managed global state by using **Redux Toolkit** and update the part of the state by using the Same.
- Developed the Unit Tests using popular test runners such as **Jest** and **Enzyme**.

#### IBM RHM Consumption Management) :

- Red Hat Marketplace is a single source to find, try, buy, deploy, and manage enterprise applications across an organization's hybrid IT infrastructure. Use their technical content to start using certified software on Red Hat OpenShift.
- I was the Part of Project from Starting and Successfully Delivered it In given time span .
- Worked as Full stack Developer, With the tech stack of **React, Node, Typescript** and **MongoDB**.
- Based on the Requirements, i used to work on Modifying the Backend changes in **Node** with is specific routes.
- Integrated the REST API Calls with **React JS, Typescript** and **ES6**.
- Implemented the mock-up through working on **CSS3** and CSS preprocessors like **SCSS**.
- Worked on Unit Testing with 100% coverage using **Jest** and **Enzyme**.
- Successfully Managed the global state using **Redux**.
- Used Agile methodology for the development life cycle and followed the Scrum frame work.
- Involved in daily scrum meeting to keep the track of the project status and issues.
- Mentored the Team Members in Development and Optimizing the code.
- Design, develop and test HTML5, CSS3, Bootstrap, JavaScript, jQuery and React.JS that meets

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#### Cambium Networks: Edge Controller) :

- Cambium Networks is a wireless infrastructure provider that offers fixed wireless and Wi-Fi to broadband service providers and enterprises to provide Internet access. An American telecommunications infrastructure company, it provides wireless technology, including Enterprise WiFi, switching solutions, Internet of Things, and fixed wireless broadband and Wi-Fi for enterprises.
- worked on Migrating the cnMaestro Project **Dashboard** to **Angular CLI 8** .
- My Role as Angular Developer, Designing, developing, and maintaining Angular applications using **Angular 8, ng-templates Typescript, JS, ES6, HTTP Module, HTML5** and **CSS3**, adhering to best practices and coding standards.
- Implemented a component-based architecture to create reusable and modular UI components, ensuring scalability and maintainability of the codebase.
- Part of the requirement, I got to learn **D3.JS** and created a GUI for V3000 Device. And got the **Spot Award** for Getting the device back in sale.
- Building and validating forms using both template-driven and reactive forms approaches, depending on the complexity and requirements of the form.
- Implementing routing and navigation within the Angular application using Angular Router, configuring route guards for authentication and authorization purposes.
- Consuming RESTful APIs and interacting with backend services using Angular's built-in HTTP client module, handling HTTP requests, responses, and error handling.
- Writing unit tests, integration tests, and end-to-end tests using testing frameworks like Jasmine and Protractor to ensure the reliability and robustness of the application.
- Identifying and optimizing performance bottlenecks within the application, employing techniques such as lazy loading, code splitting, and AOT compilation to improve loading times and runtime performance.
- Participating in code reviews to ensure code quality, consistency, and adherence to coding standards, and maintaining comprehensive documentation for code, architecture, and project guidelines.

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## Module Lead

Valuelabs LLP

📅 2017 11/2020 📍 Hyderabad

Technology, innovation and problem-solving VL is specialize in digital enablement, software product development and data technology.

### WebMD WHS

- WebMD has created an organization that fulfills the promise of health information on the Internet. It provides credible information, supportive communities, and in-depth reference material about health subjects that matter to you. They are a source for original and timely health information as well as material from well known content providers.
- Created React routing and **Single Page Application**.
- Worked on Frontend Frame Work **Material UI** Components and implemented them in Project • Worked on **React JS** components, **Forms, Events, Keys, Router, and Redux** concept.
- Used JIRA as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.
- Implemented the mock-up through working on **CSS3** and **CSS** preprocessors like **SCSS**.
- Worked on Functional and Class based components.
- Worked on CRUD Operations Using **Axious**.
- Design, develop and test **HTML5, CSS3, Bootstrap, JavaScript, and React** that meets accessibility and web browser standards.Guided and did code review of the Team size of 8.
- Provided the Weekly updates to the client over the call or mails.
- Closely Worked with the client to collect the Requirements and make the Team to Understand the Stories.

### WebMD Medscape Campaign Integration):

- Medscape is the leading online global destination for physicians and healthcare professionals worldwide, offering the latest medical news and expert perspectives; essential point-of-care drug and disease information; and relevant professional education and CME.
- Worked on UI pages and Fixes using HTML 5, CSS 3, JavaScript, JSON, **Angular 6** .
- Wrote application level code to perform client-side validation using **jQuery** and JavaScript.
- Experience in working with Angular 6 modules, services, templates, directives, services and dependency injection to create a SPA.
- Integrated Sever based Logins Using **Node JS REST API Call**, and Mongo DB, Integrated them with Angular Services • Worked on JWT Authentication and integrated with Angular Services and Express JS.
- Part of Angular 8, Used Both typescript and JavaScript. Majorly **Typescript**.
- Part of the requirement, I got to learn **D3 JS** and created a GUI for V3000 Device. And got the Spot award for Getting the device back in sale.
- Worked on some of the new features of **Angular 8** like, ng-templates, Models and other Key Features.
- Worked on Optimization and debugging the Code.

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### Maxwell Health :

- Maxwell Health EDI is a marketplace that empowers consultants and employers to offer the best benefits to employees, helping them achieve better health and financial security
  - Worked on JavaScript, XML, and 834 Data formats, using Mirth Tool.
  - Developed a tool based on NodeJS and File system and xmltojson package to validate XML and Generate a New 834 and non834 formatted EDI files.
  - Mentor and Did code review of the Development Team.
  - Doing the Code review of the team.
  - Developed a Web Portal to access the files from our server Using HTML5, CSS3, Bootstrap 3 and JS.
  - Created XML Validator tool using JavaScript and Node JS.
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## UI Developer

### Karvy Stock Broking LTD

📅 05/2016 - 08/2017 📍 Hyderabad

Karvy Stock Broking Limited KSBL which is the broking arm of Karvy Group, a well diversified conglomerate whose business encompasses the entire financial services spectrum along with data processing and managing segments. [Karvyonline](#),

#### Tech request, TheFinapolis:

- Worked on Multiple Projects as Frontend Developer.
- Worked on Developing the web presentation layer using HTML 5 ,CSS 3 and jQuery according to internal standards and guidelines.
- Worked on Responsive Designing for websites for Tablets and Mobiles.
- Converted raw images and layouts from a graphic designer into CSS/HTML themes
- Been an active team player, helped in fixing bugs and also carried out troubleshooting
- Closely Worked with Database Team to Understand Payloads for Fetching the Dat1a.
- RWD implementation responsive web design implementation of CSS3 media queries to set view port ranges of values for various Devices.

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## UI Developer

### Centrica Informatics Pvt Ltd.

📅 11/2012 - 05/2016 📍 Hyderabad

#### Lodha Group, Green Grace, Janapriya :

- Worked on Multiple Project as a Front-end Developer.
- Converted PSD to HTML.
- Worked on RWD using Media Quries.
- Involved in developing the UI pages using HTML 5, CSS 3, JavaScript, JSON, jQuery, Photoshop CS6, Bootstrap and AJAX.
- Debug the application using Firebug and Inspect to traverse the documents and manipulated the Nodes using DOM and DOM Functions using Firefox and IE Developer Toolbar for IE.
- Closely worked with business system analyst to understand the requirements to ensure that right set of UI modules been built.
- Creating cross-browser compatible and standards-compliant CSS-based page layouts.
- Strong communication, analytical and interpersonal skills working within cross-functional teams.
- Developed Page layouts, Navigation and presented designs and concepts to the clients and the management to review.

## EDUCATION

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### Bachelor of Technology - Electronics and Communication Engineering

#### Jawaharlal Nehru Technological University.

📍 Hyderabad, India.