



Chandu Sadda
Front-End Developer
(7 Years experience)

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JOB SKILLS

- An Astute professional with **expertise** in **front-end** software development in Cybersecurity, Health Care, Networking & Industrial Automation domains.
- Developed Web & mobile first applications using latest tools & technologies – **NextJS, ReactJS, Redux, Angular, TypeScript, Micro Front Ends, BackboneJS, D3JS & other JS Frameworks.**
- Expert in working **Agile** and **scrum** software environment & take part in agile ceremonies from **refinement, sprint/PI planning, daily scrum, and sprint review.**
- A versatile developer with extensive experience in using **open-source** tech, **pixel-perfect & Intuitive rich UI design** implementations using modern programming methodologies.
- Adept in implementing applications with **OOPS**, solid **principles & design patterns.**
- Keen learner, enthusiastically learning other JS Frameworks like **VueJS** & backend programming languages like **Golang, Ruby on Rails & NodeJS.**
- Over the last few weeks, I have embarked on a journey of learning **Golang** & contributing as **Full Stack Developer** in my current project.

SKILLS

Frameworks	NextJS, ReactJS, Redux, Angular, BackboneJS, D3JS, Micro Front Ends, Jest, Jasmine, NGRX, WebSocket's
Languages / Scripting Languages	JavaScript, TypeScript, Golang, NodeJS, HTML, CSS, SCSS, XML
Tools & Package Managers	NPM, PNPM, Yarn, Webpack, Vite, WEB API, Jira/Rally (Scrum/Agile)
Repositories / Version Control	GIT, Bitbucket, SVN
Databases & Servers	Cassandra, Redis, Docker, Kubernetes

EXPERIENCE

Nov 2020 – Present

Lead Engineer (Software Developer)

Exium India Pvt Ltd, Bengaluru, India

- Engaging in stories **estimation** in sprint/PI planning & work on challenging **user stories.**
- Extensively created complex **UI screens & reusable** components using **ReactStrap & NextJS** best practices, used & integrated **Stripe** framework for **payment** functionalities.
- Developed elegant **two-step authentication** flows for **login** using Microsoft Azure, Ping Identity, Okta, Email, SMS, and Google Authentications & can configurable via **SSO settings** form with captivating **UI designs.**
- Handled complete app state using **Redux** & its methodologies & handled API layer using **Axios & Redux-Saga.**
- Enabled secure signup with **Google's reCAPTCHA** for added security & implemented **UI session idle time check** and warning modal for **session** management.
- Utilized **Jest** for comprehensive **unit testing** & generated **coverage reports** while each Jenkins build. Presented threat analysis, blocked URLs, policies, app usage, user data, and other portal functionalities with **beautiful graphs** using **Kibana framework.**
- Leading team, Optimizing, refactoring, code deployments (staging/QA), code reviews, code complexity reduction will be daily routine.
- Collaborating with BA's, PO's & stakeholders to understand **challenges, planning & proposing** better solutions to overcome blockers.

Achievements

- Successfully **migrated** an entire **React** application to **NextJS** in **short time** frame & **improved** application **performance** by **20%** through **NextJS** server-side approaches such as **SSG & SSR** wherever possible.
- Achieved a **50% reduction** in application build time by transitioning **Docker** steps from **npm** to **pnpm** and implementing other recommended **NextJS build optimizations**.

Dec 2018 – Nov 2020 •

Senior Analyst

Accenture India, Bengaluru, India

- Built scalable **SPA** for both mobile and web applications using **PrimeNG UI** components in an **agile** environment, following wireframes provided by designers.
- Employing **Angular 7** (upgraded to 10) and **TypeScript**, crafted this SPA with a focus on fast rendering and seamless authentication using **Microsoft Azure** Authentication.
- Leveraged **Angular Interceptor** methodology to display **API failure** details in **barcode** format within **toast** notifications.
- Displayed **nearby** technician details within a few **miles'** radius on **Google Maps** inside the app, utilizing PrimeNG components and the **geolocation API**.
- Used **Jasmine/Karma** to write **unit test** cases for components, services, pipes, directives & created **coverage** report on every **Jenkins** build.

Achievement

- Successfully completed a **Micro Front-end** POC in **Angular** and **React**, wherein I integrated **both apps** into a single **SPA**, akin to how the Amazon app incorporates Amazon Pay as a part of its shopping app.

Oct 2016 – Dec 2018 •

Senior Software Engineer

L&T Technology Services Pvt Ltd, Mysore, India

- Used **Angular 5** for creating visual components like ECG wave forms, Alarms, pulse rate, RR, CO2 etc. of **patient vital** parameters & used **NGRX** for **State management** of the app.
- Developed wave components, numeric components, Alarm component using **dynamic** components of **Kyma.io** platform (GE Healthcare internal only) for this **Tele-ICU** App.
- Developed **Patient 12** leads **ECG Wave** & its **numeric** parameters by consuming Kyma.io platform visual & non-visual components.
- Used **Jasmine/Karma** to write **unit test** cases for components, services, pipes, directives & created **coverage** report on every **Jenkins** build.

Achievement

- Accomplished **real-time** streaming of patients' vital parameters to a **web page** accessible **globally**. Included **live ECG** and other graphs with customizable sweep speed & can efficiently handle a **data rate** of **12 samples per millisecond** through **web sockets**.

EDUCATION

Jun 2015

- Bachelor of Engineering (Electronics Communication) Anna University

LANGUAGES

- English Fluent

PERSONAL SKILLS

- Provide updates to **top management**, **lead** & co-ordinate with the team.
- Confident, articulate, and professional speaking abilities (and experience).
- Empathic listener & **persuasive** speaker, **Influencing**, leading, & delegating abilities.
- Leadership - **Managed** teams of multiple resources.