



Chandu Sadda  
Staff Engineer  
(9+ Years experience)

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## JOB SKILLS

- An Astute professional with **expertise** in **front-end** web development in Cybersecurity, Health Care, Networking & Industrial Automation domains.
- Expert in working **Agile, Scrum & Kanban** environment & take part in agile ceremonies from refinement, sprint/PI planning, daily scrum, and sprint review.
- 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 & NodeJS**.
- Confident, articulate, and professional speaking abilities (and experience).

## SKILLS

Frameworks	NextJS, ReactJS, Redux, Angular, BackboneJS, D3JS, Micro Front Ends, Jest, Jasmine, NGRX, WebSocket's
Languages / Scripting Languages	JavaScript, TypeScript, Go, HTML, CSS
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, CI/CD

## EXPERIENCE

June 2025 – Present

### Staff Engineer I

Netgear Research India Pvt Ltd, Bengaluru, India

- Extensively working on migrating Exium's UI/UX flow to Netgear & integrating Insight to Exium for seamless login.
- Done security scanning for entire **NextJS** application & added content security policies like script, img, font, connect & frame related policies for response headers in middleware file.
- Developed an internal portal in very short time, which generates dynamic **pages, forms**, etc. based on structure provided in Json file.
- Updated docker steps to load application in staging to work in multi platform environments (AMD/ARM).

Nov 2020 – June 2025

### Lead Engineer

Exium India Pvt Ltd, Bengaluru, India

- Extensively created complex **UI screens & reusable** components using **Rsuite & NextJS** best practices, used & integrated **Stripe** framework for **payment** functionalities.
- Developed elegant **two-step authentication** flows for **login** using Azure, Ping Identity, Okta, Email, SMS, and Google Authentications & can configurable via **SSO settings** form with captivating **UI designs**.
- Introduced **themes** like light, dark, colored & mixed in the web page using **SCSS & next-themes** methodologies.
- 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.
- Added logic to check **UI session idle time** & displayed warning to continue/logout.
- Handled **API failures** using a **3 retry** mechanism, seamlessly redirecting to a **network error** page & can return via back button using **browser navigation history API**.
- Handled **multiple sessions** for both partner & workspace portals in **same browser** window using browser **local & session** storage APIs.
- Integrated **ticketing engines** like ConnectWise, ServiceNow & Autotask, based on the configuration, will raise **new/update tickets** when user tries to access **blocked/suspicious URLs**.
- 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**.

#### Achievements

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

Dec 2018 – Nov 2020

#### Senior Analyst

Accenture India, Bengaluru, India

- Built scalable **SPA** for both mobile and web applications using **PrimeNG UI** components.
- 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 **QRcode** 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**.
- Played defect developer, troubleshoot, fix style, functionality & browser compatibility issues.
- Used **Jasmine/Karma** for **unit testing**, generated **coverage** report on every **Jenkins** build.

#### Achievement

- Successfully completed a **Micro Front-end** POC with **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 complete application.
- Developed wave, numeric, Alarm components using **dynamic** components of **Kyma.io** platform (GE Healthcare internal only) for **Tele-ICU** App.
- Developed **Patient 12** leads **ECG Wave** & its **numeric** parameters by consuming Kyma.io platform visual & non-visual components.
- Used **Jasmine/Karma** for **unit testing**, generated **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) | Jaya Institute of Technology, Chennai

### Certifications

*Jun 2016*

- Certified Angular Developer (Edureka)

### PERSONAL SKILLS

- Leading UI team** of **3+** developers, 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.