

NILESHKUMAR PATVA

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Innovative Full Stack Engineer with more than **9 years** of experience building and maintaining responsive web applications. Proficient in TypeScript, JavaScript, HTML, CSS; plus, modern frameworks and libraries Successfully designed and developed communication designer studio for SMS and Push channels in Walmart. Developed components like Video Player, Calendar, Carousel and several web applications, including ABB Ability™ Genix and Retail Banking application for one of the leading Australian Bank.

SKILLS

React JS, Redux, Next JS, JavaScript, Easy-Peasy, Material UI, Node JS, Angular, TypeScript, Playwright, Jest, D3, Azure Cosmos DB, MobX, Confluence, JIRA, Jenkins, Highcharts, Plotly, Yeoman, Git, GitHub, Webpack, Vite, Azure DevOps, Pipelines, Gateway, Google Maps API, HTML5, SASS, CSS3, Agile Scrum, Data Visualization, Mixpanel, Grafana, Splunk.

EXPERIENCE

 **DOCUSIGN**, *Senior Software Engineer*

Since November 2023

Integrations Team, Google Workspace, Browser Extensions & Oracle NetSuite

- Leading the integration team responsible for implementing DocuSign solutions within **Google Workspace**, **Chrome Extension** and **Oracle NetSuite**, facilitating seamless access to DocuSign eSign capabilities across multiple platforms.
- Spearheaded the automation of configuration generation in the NetSuite Integration, resulting in significant reduction of human hours required for onboarding new client or updating existing configurations. Streamlined the deployment and app publishing.
- Streamlined the deployment and application publishing process to third-party platforms such as NetSuite and Google Workspace through automation. This initiative led to a notable enhancement in delivery efficiency and a streamlined testing process, effectively reducing the occurrence of issues.

 **WALMART**, *Senior Software Engineer*

September 2021 – November 2023

Hermes - SmartComms team

- Worked on a communications design and delivery platform (Hermes) in Walmart. This platform is integrated with multiple Walmart businesses, geo-located teams to deliver highly personalized and data rich communications to the user.
- Designed end to end feature of text-based communication like SMS and Push, where design of highly customizable templates can be created and communications can be managed in Hermes.
- Built a highly performant & scalable system to render personalized and dynamic communications (SMS/Push/Email) to the user for transactional flows in the Walmart e-commerce. Tested throughput of 3000 requests/sec on NodeJS, CosmosDB on Azure.

 **JIO**, *Senior Software Developer*

April 2021 – September 2021

Jio Design System team

- Designed and developed more than 8 components in library, which are being used in Jio products like JIO Meet, JIO Cinema, HealthHub, My Jio, etc.
- Developed Calendar, Date Picker, Carousel, Data Table, Video Player & more components in Angular with zero external dependencies and provided all the features.

ABB **ABB GISPL**, Research & Development Engineer

August 2019 – April 2021

SmartComms team

- Designed all web apps on the platform (ABB Ability™ Genix) as front-end lead and developed a library for authentication & authorization of the web applications to support OAuth2 protocols like ADAL, MSAL, and OIDC, which resulted in a significant reduction in development hours and switching of environments for all web apps.
- Designed and developed charting library using D3 in Angular, which supports more than 15 complex charts for Data visualization and Analytics.
- Designed and developed web component which renders engineering diagrams, tags/assets can be mapped with accurate position using drag & drop and displays the real-time data.
- Reduced initial rendering time on all apps and 40% less initial bundle size, providing better user experience.

tcs **TATA CONSULTANCY SERVICE LTD.**, IT Analyst

March 2015 – July 2019

Jio Design System team

- Led and managed a team of 5 in developing and migrating the Analytics application from a legacy technology to latest HTML5, CSS3 and Angular 4+.
- Developed retail banking application features for one of the leading Australian banks, and have had three months of onsite experience, working with product, business owners and stakeholder in Sydney, Australia.
- Reduced application load time by providing marker clusters on Google Map.

EDUCATION

Gujarat Technological University

June 2010 – May 2014

Bachelor of Engineering, Mechanical Engineering

ACCOMPLISHMENTS

Bravo Award Walmart

September 2021 – November 2023

Received multiple Bravo Awards at Walmart for achievements in i18n - Spanish initiative, enabling new channels such as SMS and Push, and rapid acquisition of system knowledge.

Service & Commitment TATA Consultancy Services Ltd.

March 2023

Recognized for achieving a milestone of three years of dedicated service.

Technical Excellence TATA Consultancy Services Ltd.

September 2023

Recognized for spearheading the migration of the DMVS Boeing project from Flash-based technology to the latest Angular 4+ framework.