

Vishnu Priya Rajagopal

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PROFILE

Senior Software Engineer with 10+ years of experience building fast, scalable web applications. Skilled in React, TypeScript, Next.js, GraphQL and modern SPA frameworks. Comfortable working across the stack with Node.js. Proficient in writing clean, accessible code and delivering cross-browser compatible experiences. Worked closely with cross-functional teams and helped mentor junior engineers. Recently, contributed to a startup, playing a key role in developing and scaling the product from the ground up.

EMPLOYMENT HISTORY

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| Jul 2022 — Present | Senior Software Engineer, Radian <ul style="list-style-type: none">Built a high-performance real estate search platform from the ground up using React, Next.js, TypeScript, RxJS, and GraphQL, delivering cross-browser compatible experiences to thousands of users daily.Architected and maintained an Nx-based monorepo, enabling shared code and faster deployments across frontend and backend projects.Developed a reusable UI component library in React and TypeScript using Styled Components, reinforcing design consistency and expediting feature rollouts.Integrated Google Maps API for dynamic property location rendering, improving usability and visual experience.Built REST APIs with Redis caching for fast data access and scalable real-time search capabilities.Developed backend services and data models using MongoDB, Nest.js, and Prisma.Implemented Microsoft Azure AD authentication and managed complex state logic with Zustand. |
| Oct 2021 — Jun 2022 | AVP, Software Engineer II, Bank of America <ul style="list-style-type: none">Designed and built a reusable component library using React, JavaScript, and Material-UI, enhancing front-end development process.Developed components to meet WCAG Level AA criteria, promoting accessibility for all users.Utilized Storybook to demonstrate component functionality, facilitating efficient developer onboarding.Authored comprehensive unit tests with Jest to ensure the quality and reliability of shared components, aligned with automated testing practices.Collaborated with cross-functional teams to align development efforts with business goals and agile practices. |
| Feb 2021 — Sep 2021 | Web Developer, Tapestry Inc (Contract) <ul style="list-style-type: none">Developed and maintained Splunk Rigor scripts to track web performance and Core Web Vitals.Improved page load time by 25% by optimizing Largest Contentful Paint through image compression, lazy loading, and prefetching.Built responsive dashboard using React.js, Next.js, and Recoil for performance metric visualization.Collaborated with cross-functional teams to implement data-driven optimizations.Conducted regular performance audits to ensure site efficiency and reliability. |
| Oct 2019 — Jan 2021 | Web Developer, State Street (Contract) <ul style="list-style-type: none">Developed responsive front-end applications for real-time risk monitoring, using JavaScript, React, TypeScript, and Webpack to visualize and analyze NASDAQ and BFDS fund volumes.Created applications providing insights on performance, risk, incidents, and SLA metrics for proactive issue management.Designed custom React components for data visualization across multiple projects using D3.JS.Collaborated with cross-functional teams to ensure application scalability and maintainability.Implemented user feedback to continuously improve application features and usability. |
| Mar 2019 — Sep 2019 | Web Application Developer, Fannie Mae (Contract) <ul style="list-style-type: none">Developed SharePoint customizations using .NET, Visual Studio, JavaScript, and jQuery. |

- Integrated Google Analytics and Tag Manager with SharePoint sites.
- Created reusable modules for session data tracking with Google Analytics.
- Designed custom dashboards for product usage insights.
- Delivered reports with Power BI for enhanced business analysis.

Feb 2017 — Feb 2019

Web Developer, Macys.com

- Collaborated with digital analytics team on UI integration and data layer construction using Tealium.
- Analyzed and migrated tag elements across business segments.
- Developed reusable Tealium component, improving data loading efficiency by 30%.
- Implemented universal data object for tracking visitor interactions on macys.com and bloomingdale.com.
- Created responsive product features for Wishlist page and a standalone application for automating management processes.
- Worked with CI/CD tools like Jenkins and Docker to streamline the deployment process and ensure high availability.

Apr 2015 — Jan 2017

Frontend Developer, Goto

- Developed and maintained a Single Page Application (SPA) for GoToMeeting's for Video, Voice & PSTN services using WebRTC. (<https://app.goto.com/meeting/>)
- Built features including Quick-Starter guide, help screens, UI components, chat notifications, and role-based controls, with support for internationalization (i18n).
- Implemented real-time survey questionnaires and feedback forms for user responses.
- Ensured cross-browser compatibility across Firefox and IE 10-11, contributing to GoToMeeting Chromebox Kiosk app.
- Created performance and site-metrics modules for Google Analytics and Kibana.

Dec 2010 — Dec 2012

Programmer Analyst, Cognizant Technology Solutions

EDUCATION

Jan 2013 — Dec 2014

M.S in Software Engineering, San Jose State University

Aug 2006 — May 2010

B.E in Computer Science, Anna University

SKILLS

Web Technologies	HTML5, CSS3, JavaScript, TypeScript, React.js, Next.js, Node.js, Python, GraphQL, Google Maps API, RxJS, Zustand, Backbone.js, jQuery, Handlebars.js, D3.js, Highcharts, SASS, Bootstrap, Emotion.js, Material UI, Tailwind, SharePoint, Jasmine, Jest, Styled Components, SPA Frameworks
Analytics Tools	Tealium, Adobe Analytics, Google Analytics
Databases	Oracle, MySQL, MongoDB
Dev Tools & Platforms	Git, GitHub, Nx, Lerna, Gulp, Grunt, Grafana, Webpack, Vite, Storybook, Docker, Figma, Netlify, Vercel, Heroku, ESLint, Prettier, Yarn
Development Practices	RESTful API Design, Agile/Scrum, CI/CD, Code Reviews, Unit & Integration Testing, Web Security