Vishnu Priya Rajagopal

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PROFILE

Senior Software Engineer with 10+ years of experience building scalable web applications. Skilled in React, Next.js, TypeScript, and GraphQL, with expertise in full-stack development. Developed features for high-traffic platforms, prioritizing performance, accessibility, and clean code. Recently contributed to a startup project, playing a key role in developing and scaling the product from the ground up.

EMPLOYMENT HISTORY

Jul 2022 — Present **Senior Software Engineer, Radian**

- Built a high-performance real estate search platform from the ground up using React, Next.js, TypeScript, RxJS, and GraphQL, serving thousands of users daily.
- Developed reusable UI component library in React and TypeScript, enhancing design consistency and reducing feature rollout times across projects.
- 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**

- Designed and built a reusable component library using React, JavaScript, and Material-UI, enhancing front-end development efficiency.
- Developed components to meet WCAG Level AA criteria, promoting accessibility for all users.
- Utilized Storybook to demonstrate functionality, aiding developer onboarding.
- Wrote comprehensive unit tests with Jest, ensuring quality and reliability of shared components.
- Collaborated with cross-functional teams to align development efforts with business goals.

Feb 2021 — Sep 2021 **Web Developer, Tapestry Inc (Contract)**

- 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)**

- 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)**

- 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, Citrix Goto

- Developed and maintained Single Page Web Application for Video, Voice & PSTN services using WebRTC.
- Built features including Quick-Starter guide, help screens, UI components, chat notifications, and role-based controls with KnockoutJS and Durandal.
- Implemented real-time survey questionnaires and feedback forms for user responses.
- Ensured multiple-browser support 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

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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, GraphQL, Google Maps API, RxJS, Zustand, Backbone.js, jQuery, Handlebars.js, D3.js, SASS, Bootstrap, Emotion.js, Material UI, SharePoint, Jasmine, Jest, Webpack, Gulp, Grunt, Git, Docker, Storybook
Analytics Tools	Tealium, Adobe Analytics, Google Analytics
Databases	Oracle, MySQL, MongoDB