

Varinder Singh

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SUMMARY/ HIGHLIGHTS

A passionate **Software Engineer** with over 6 years of experience in frontend development

- Expert in modern frontend ecosystems, including React.js, Next.js, and TypeScript, with hands-on experience architecting micro-frontend systems and deploying cloud-native solutions using AWS.
- Strong communicator and team player, skilled in collaborating with cross-functional teams to deliver complex projects on time while maintaining a focus on quality, design and scalability.
- Proven ability to make a measurable impact, with a sharp eye for detail and a focus on developing visually appealing, accessible and responsive features that improve user experience.
- Committed to continuous learning and keeping up with the emerging technologies and industry trends to ensure optimal solutions.

TECHNICAL SKILLS

Frontend: React.js, Next.js, Node.js, ES6, JavaScript, TypeScript, HTML, CSS, Tailwind, SCSS, GSAP, Redux, Storybook, GraphQL, GA4 Analytics Tag Manager

Testing & Dev Tools: Jest, Mocha, Git, Github, Figma, Webpack, LaunchDarkly

Cloud and Monitoring: AWS, Contentful CMS, Datadog, FullStory

Development Practices: Agile Methodology, Test Driven Development, A/B Testing

PROFESSIONAL EXPERIENCE

Software Engineer 2

June 2023 - Sept 2025

Gartner

- Accountable for migration and optimization of serverless codebase (AWS) written in React.js with JavaScript to a Next.js monorepo with Typescript and GraphQL codegen, enhancing maintainability and improving core web vitals by approximately 20%. This also included Blog and Glossary pages tied to Contentful.
- Led the implementation of 8 experimental features written in React.js over 2 months, 4 of which were successful. These were set-up and monitored using Launchdarkly sdk and GA4 analytics respectively.
- Developed an innovative solution to support tokens for two design systems including Tailwind and raw CSS within a single web application, reducing the deployment timeline for the revamped app from 12 months to just 3 months.
- Managed Datadog and FullStory for auditing and benchmarking, and conducted weekly bug bashes, reducing errors by 99% over the course of a quarter.
- Collaborated with cross-functional teams to discuss integration strategies and build solutions quickly while maintaining high-quality standards.
- Enhanced the test coverage of migrated pages to 80% using Jest with React Testing library for unit and integration testing. Maintained end to end tests in Cypress.

UI Developer - Consultant

April 2022 - June 2023

Thoughtworks

- Worked with micro-frontends (using Module Federation with webpack) written in React.js, leveraging the API contract to create dedicated forms for banking services by simple data fetching via GraphQL query, thereby eliminating the need to develop each form individually.

- Championed Test-Driven Development practices and reusable frontend components to improve code quality and team standards. Utilized Jest with React Testing library.
- Took ownership of setting up a generic project boilerplate for micro-frontends, accelerating onboarding by approximately 10 days, thus increasing overall productivity. This included setting up GraphQL codegen, esLint, tailwind configuration and so on.
- Participated in and received code reviews to iterate on and develop a robust, high-quality polished solution. We used Github for repository management, Docker to bundle and Jenkins to deploy.
- Followed Extreme programming / Agile development and delivered quick, robust solutions

Application Developer

Sept 2021 - Apr 2022

Thoughtworks (Contract via Geektrust)

- Responsible for developing client-specific proof-of-concept solutions using React.js.
- Took ownership of Integrating a React widget with Microsoft Dynamics 365 dashboard to enable real-time CRM data interaction.
- Collaborated closely with design and product teams to align on requirements and deliver seamless solutions.

Systems Engineer

Aug 2019 - Sept 2021

Infosys

- Developed serverless single page applications using React and REST APIs hosted on AWS, one of which, incorporated an upload feature that allowed users to submit data. This data was then processed by a machine learning algorithm hosted on AWS Sagemaker.
- Used AWS to deploy the serverless application, leveraging AWS Lambda to create and manage the required API endpoints.

EDUCATION

Bachelor of Technology in Computer Science

Aug 2015 - May 2019

Guru Nanak Dev Engineering College, Ludhiana, India