

KRISHNA PRADHAN

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Professional Summary

- Extensive experience across **Analysis, Design, Development, Testing, and Deployment** of scalable web applications.
- Strong hands-on experience with **React.js, Next.js (SSR), TypeScript, Redux, Redux Thunk, Redux Saga, ES6+, and modern JavaScript tooling (Babel, Webpack)** across projects at TCS (Tractor Supply), Bell, Telus, Freedom Mobile, Scotiabank, and Morneau Shepell.
- Experience building **high-performance, SEO-friendly, and accessible (WCAG / Section 508 compliant)** applications.
- Proficient in **GraphQL, REST APIs, JSON, and AJAX-based integrations**.
- Experience working with **Headless CMS platforms** such as Contentful and Sanity.
- Strong expertise in **responsive web design (RWD)** using MUI, Tailwind CSS, Styled Components, and Bootstrap.
- Experience with **end-to-end testing** using Playwright and Cypress.
- Hands-on experience with **CI/CD pipelines** using Jenkins and Red Hat OpenShift, along with containerization using Docker.
- Familiarity with **cloud platforms**, including Google Cloud Platform (GCP).

Certification

Certificate course in Graphics from Big Byte Computer Institute - Mumbai (April 2000 - Sept 2000).
Certificate course in Java from SSI Computer Institute - Mumbai (July 2001 - Dec 2001). Brainbench
Certified in CSS 2.0 (May 2008).
AWS Cloud Practitioner Essentials Feb 06, 2025
Claude Code in Action March 13, 2026
Introduction to Claude Coworker March 25, 2026

Technical Skills

Ui libraries:	MUI, Tailwind CSS
CSS-in-JS	Styled-components
Data management:	Redux Toolkit, Immer
Build:	TypeScript, Vite, npm, Node.js
Server-side rendering:	Next.js
Testing libraries:	React Testing Library, Mocha, Cypress, Jest, Enzyme, Playwright
Developer experience:	ESLint, Chrome DevTools, Prettier, Redux Dev Tools, React Developer Tools
Version Control:	Git, SVN, Morant, Subclipse,
Build Tools:	Webpack, Grunt, Gulp, ANT, Maven

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Documentation: Storybook
CMS: **Contentful, Sanity**
Methodology: Agile , WaterFall

<u>Employer</u>	<u>Experience</u>	<u>Location</u>
TCS Client : tractorsupply.com	May 2025 – Till Date Tech Lead	Brentwood TN USA

Tata Consultancy Services (TCS) – Client: TractorSupply.com

Tractor Supply Company is the largest rural lifestyle retailer in the United States with over 2,000 stores nationwide, offering products for home improvement, agriculture, lawn and garden maintenance, livestock, equine, and pet care.

Currently working as a **Technical Lead**, responsible for coding, design documentation, and managing offshore teams to deliver performant, scalable, and customer-centric solutions.

- Conduct **code reviews** to ensure clean, performant, and maintainable codebase.
- Create **design documents** to define technical architecture, workflows, and solution approaches for new features.
- Resolve **bugs and defects** to maintain stable, high-quality user experiences.
- Implement **new features** to improve customer experience across desktop, mobile, and tablet platforms.
- Ensure deliverables are **well-tested, browser compatible, responsive**, and optimized for cross-device usage.
- Collaborate with onshore stakeholders and offshore teams, ensuring business alignment and timely delivery.
- Leverage **GitHub Copilot, Cursor, Codex CLI, and Antigravity** to accelerate development, improve engineering productivity, assist with code understanding, and streamline debugging while maintaining strong code review and quality oversight.
- Use AI-assisted developer tools responsibly to speed up implementation, analyze large codebases, and support faster issue resolution without compromising coding standards, maintainability, or architectural consistency.

Environment: ReactJS, Next.js, TypeScript, GraphQL, Redis, MUI, GitHub, GitHub Copilot, Agile, Codex CLI, Cursor, Antigravity

Bell Canada	May 2023 – Feb 2025 Sr React/NextJS Developer	Toronto Canada
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Bell Canada is a Canadian telecommunication and media company. Through its subsidiary it provides services in Internet, TV, and mobile telecommunications.

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Bell Canada has been one of Canada's most important and most powerful companies.

- Created B2B applications for supporting customer service back office
- Build pages using react/nextjs and integrated with the backend Go API with GraphQL Apollo client.
- Used tRPC with Prisma and PostGresSQL
- Utilized React hooks such as `useState`, `useEffect`, `useContext`, `useCallback`, and `useMemo` to manage state, context, and performance optimizations effectively
- Adding new features and fixing bugs
- Writing unit test using react-testing-library and playwright for end to end testing
- Beside development helped in deploying to dev, UAT and production
- Ensured all pages were A11Y (Accessibility) compliant by adding semantic markup, images alt, accessible form , accessible links, ensuring rem/em for font sizes is used
- Added code to meet AA accessibility guideline
- Used AWS, Docker, ArgoCD for application deployment

Environment: NextJS, Tailwind CSS, GraphQL, TypeScript, GoLang, Docker, Playwright , ArgoCD, Playwright, tRPC, NodeJS, Prisma and PostGresSQL, NPM

Telus Mobility

<https://www.telus.com>

June 2021 – Feb 2023

Sr React/ NextJS Developer

Toronto Canada

Telus Mobility is a Candian wireless network operator and a division of Telus Communiations which sells wireless services in Canada on its numerous networks. Telus Mobility is the second-largest wireless carrier in Canada, with 10.6 million subscribers as of Q3 2020.

- Worked as a part of Telus Digital Team.
- Supported and updated different repositories like login, profile, smart-home-security, rolemanager, billing address change , self registration, accessory finance etc.
- Utilized React hooks such as `useState`, `useEffect`, `useMemo`, and `useContext` to manage state, side effects, performance optimization, and context-based state sharing across components.
- Integrated and maintained Redux for global state management along with Redux Saga middleware for handling side effects and asynchronous operations.
- Worked closely with **design teams to implement Figma-based UI designs and wireframes**, ensuring pixel-perfect execution and a seamless user experience
- Ensuring development as well as deployment to the staging and production environment
- Worked on Accessory Finance project which allowed users to view and download agreement. This helped in driving accessory sales.
- Updated billing address page and added features which allowed users to ensure that user's new address has been updated
- Worked on Role Manager repository which is mainly targeted for Telus B2B clients who provide phone service to their employees.
- Created MockAPI's using NodeJS inside NextJS
- Updated BFF(Backend For Frontend) Telus inhouse library with NodeJS

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- Added code to meet AAA accessibility guideline
- Used GCP, AWS, RedHat OpenShift for application deployment

Environment: ReactJS, Redux Saga, NextJs, React Router, ES 6, ESLint, Node Express, Webpack, HTML5, CSS3, JSON, styled-components, Jest, Enzyme, Immutable JS, react-testing-library, Red Hat OpenShift, NPM, webpack

Freedom Mobile

Jan 2018 – June 2021

Toronto Canada

<https://www.freedommobile.ca>

Sr React Developer

Freedom Mobile Inc. is a Canadian wireless telecommunications provider owned by Shaw Communications. With 1,317,844 active subscribers (as of the end of May 31, 2018) in urban areas of Ontario, British Columbia and Alberta, it is Canada's fourth largest mobile network operator with 4.2% market share.

- Worked on the main freedommobile website.
- Created new reactjs pages for E911 section using Reactjs, Redux Saga.
- Translated **Figma prototypes and wireframe layouts** into responsive front-end components. Added new features in the My account sections
- Working on the new shopping experience page completely revamping existing site, using immutableJS, styled-component, along with mock-json-server
- Recently worked on www.shaw.ca - mobile
- Created dropdown filters for brand and promotion, display all devices, details page
- Wrote tests for pages using react-testing-library
- Created and used UI components from story book
- Updated story book components
- Ensured all pages were A11Y (Accessibility) compliant by adding necessary code
- Have created pages for React Native and ensured that it was working in IOS and Android

Environment: ReactJS, Redux Saga, React Router, ES 6, ESLint, Node Express, Webpack, HTML5, CSS3, JSON, styled-components, Material UI, Jest, Enzyme, Immutable JS, react-testing-library, NPM, webpack

Morneau Shepell

July 2017 – Sept 2017

Markham Canada

<https://cari.mybluemix.net>

UI React Developer

Morneau Shepell is a human resources services and technology company. **Cari** is one of the experimental IBM Watson powered Artificial Intelligence Chabot project, to provide HR service to the employees.

- Worked on **Cari** – digital HR assistant using ReactJS, HTML5, CSS3, JavaScript, Node Express and Redux Sage.
- Have used IBM Watson Natural Language Understanding and Conversation Services, to power AI conversation.
- Fixed bugs using SASS and ReactJS
- Created new and updated responsive jsx pages using ReactJS, SASS, ES6
- For different user queries retrieved data from API using redux saga and displayed using ReactJS

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- Used React Router to display details page
- Used Mocha with Chai for testing Redux functionalities
- Ensured all pages were A11Y (Accessibility) compliant by adding necessary code

Environment: ReactJS, Redux Saga, React Router, ES 6, ESLint, Node Express ,Webpack, IBM Watson Natural Language Understanding ,HTML5, CSS3, Material UI, JSON, Agile, Mocha, Chai, RWD, NPM, webpack

Scotia Bank

www.scotiaBank.com

Dec 2016 – May 2017

UI React Developer

Toronto Canada

Scotia iTRADE® provides clients with state-of-the-art trading and investing capabilities supported by Canada's most international bank, Scotiabank.

- iTrade Floating Trade Ticket gives a snap shot of the stocks and options.
- Created and updated various responsive jsx pages for Option trading using ReactJS, HTML5, CSS3, ES6
- Created reusable components, using ReactJS and CSS3 which was used in various pages
- Displayed dynamic data using jQuery, Redux Thunk, ReactJS
- Used svg images and added conditional logic and css hover effects
- Ensured all pages were A11Y (Accessibility) compliant by adding necessary code
- Added code to meet AA accessibility guideline

Environment: HTML5, CSS3, JSON, jQuery, Agile, Web Accessibility, ReactJS, Redux Thunk, ES 6, Babel, Webpack, npm

Bell Canada

www.bell.ca

Sept 2016 – Nov 2016

Front End Developer

Mississauga Canada

Bell Canada is a Canadian telecommunication and media company. Through its subsidiary it provides services in Internet, TV, and mobile telecommunications.

Bell Canada has been one of Canada's most important and most powerful companies.

- Mainly worked on fixing issues and requirement for www.bell.ca website
- Customized the device pages with icon and content next to each other in mobile and Ipad view
- Changed the main page layout with a new fully responsive layout
- Ensured all pages were A11Y (Accessibility) compliant by adding necessary code
- Added code to meet AA accessibility guideline

Environment: HTML5, CSS3, JSON, jQuery, Agile, Web Accessibility, Visual Studio, Microsoft Razor

IBM

www.ibm.com

May 2015 – June 2016

Front End Developer

Toronto Canada

IBM WebSphere Commerce is a highly customizable e-commerce solution. IBM provides an integrated development environment which is used to build and test customizations, extend business logic, change the look and feel of the store and tools, and create a new logic to meet business requirements.

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IBM Client : bmo.com

The Bank of Montreal shortened to BMO, is one of the Big Five banks in Canada. It is the fourth-largest bank in Canada by market capitalization and based on assets, and among the ten largest banks in North America.

Part of team responsible for revamping current www.bmo.com to a fully functional responsive mobile focus website. Built entirely end to end using Jekyll, JSON, advance JavaScript, CSS.

- Wrote JSON files for data to display in all the plan pages, compare pages and detail pages
- Used Jekyll along with liquid templating logic to show hide data
- Used CSS3 Flexbox for responsive layout
- Implemented and extended jQuery extend method to show JSON array discount

Environment: HTML5, CSS3, Jekyll, PHP, GIT, JSON, jQuery, SASS, Agile, Gulp, Web Accessibility

IBM Client : [jjKeller.com](http://jkeller.com)

J. J. Keller & Associates, Inc. is a privately-held company that helps businesses, large and small, deal with the complex and constantly evolving regulations that affect their operations every day.

- Implemented CSS for the pages
- Ensured jsp pages along with Web Sphere are rendering properly in the browser.
- Modified and fixed external JavaScript libraries to work with Dojo

Environment: IBM WebSphere – ecommerce software, HTML5, Object Oriented JavaScript, Advance CSS3, Dojo, JSP

IBM Client: HasBroToyShop.com

Hasbro, Inc. is an American multinational toy and board game company. It is one of the largest toy makers in the world. The corporate headquarters is in Pawtucket, Rhode Island. Most its products are manufactured in East Asia.

- Worked with IBM clients to ensure smooth RWD experience
- Wrote and implemented responsive code from scratch
- Modified and fixed external JavaScript libraries to work with Dojo

Environment: IBM WebSphere – ecommerce software, HTML5, Object Oriented JavaScript, Advance CSS3, Dojo, JSP, PHP

FICO

www.fico.com

June 2014 – Sept 2014

Front End Developer

San Jose California USA

FICO Origination Manager is a multi-module solution with a pre-configured solution. One of the modules is called Decision Module. Decision Module enables the development, testing and deployment of business, rules, strategies and custom models

- Modified XML and JavaScript files to display data.
- Implemented and ensured that the pages are Section 508 compliant.
- Used HTML5, CSS3 and Node express to simulate. jsp pages.
- Used Bootstrap 4.0 for implementing CSS structure.
- Used Grunt build tool along with Ant
- Reduced page download time

Environment: FICO Blaze, HTML5, Object Oriented JavaScript, CSS3, JQuery, ExtJS4.2, Sencha

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Command, DHTMLX, SASS, Compass, Rally Software, Tortoise SVN, Node express, Grunt, Bootstrap, Agile Environment, Web Accessibility, PHP

McAfeeNov 2013 – Feb 2014
Front End Developer

Sunnyvale California USA

McAfee part of Intel Security provides security software.

- Created new pages before the timeline.
- Tested the pages before handing it to the QA bugs found, resulting in bug free code.
- Worked on McAfee for consumer section
- Update data, functionality for different geo's.
- Bug fixing
- Interaction with QA, QA Leads, Project Managers.
- Used accuRev version control.

Environment: asp.net, HTML5, JavaScript, CSS 3, JQuery, AJAX

BlackArrow Inc.May 2011 – Aug 2013
Front End Developer

San Jose California USA

www.blackarrow.tv

Blackarrow is an advanced advertising technology company for New TV platforms. Blackarrow provides advanced advertising products and technology for network programmers and content distributors.

- Responsibility included bug fixing, creating new and adding new page and features using CSS, HTML and JavaScript.
- Actively participated in daily scrum meeting.
- Convert mock up into jsp pages and added JavaScript and AJAX functionality using YUI and JQuery and vanilla JavaScript.
- Run manual engineering smoke test to ensure that the code is running properly.
- Extended, modified reusable JavaScript components.
- Part of the team to upgrade YUI 2.7 to YUI 2.9.
- Used Perforce version control to check in developed code.
- Used Jira to create, update task.
- Debugging JavaScript bugs using Firebug and console.

Environment: JSP, HTML5, JavaScript, CSS 3, Bootstrap, HandleBars, YUI2.9, JQuery, AJAX, JSON, Perforce, Jira, RWD, Struts, Agile Environment

CiscoNov 2010 – Feb 2011
Front End Developer

Sunnyvale CA

www.cisco.com

Cisco is an American-based multinational corporation that designs and sells consumer electronics, networking and communications technology and services.

- Worked on IBM WebSphere portlet for channel partners.
- Analyze business and functional requirement.
- Go through Wireframe, comps and content docs.
- Created new portlet pages using hand code html and CSS using RAD and notepad++.
- Added functionality using JQuery and Cisco Dojo for JavaScript and AJAX framework.
- Debugging JavaScript bugs using Firebug and console.

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Environment: JSP, HTML, JavaScript, CSS 2, JQuery, Dojo

Obopay

www.obopay.com

Aug 2010 – Oct 2010

Front End Developer

Redwood City CA

Obopay offers financial institutions an open, trusted, secure and interoperable mobile payments service by transforming any mobile phone into a convenient and easy way to send and receive money and get paid for goods and service— anywhere, anytime with anyone.

- Attended weekly meeting about product upgrades and new features. • Analyze business and functional requirement
- Worked as a UI Engineer.
- Used eclipse SVN version control to check in developed code.

Environment: JSP, JSTL, HTML, JavaScript, CSS 2, Struts , JQuery

AT&T

www.wireless.att.com

July 2008 – June 2010

Front End Developer

Bothell WA

AT&T is recognized as one of the leading worldwide providers of IP-based communications services to businesses. We also have the largest international coverage of any U.S. wireless carrier; the largest WiFi network in the United States; and the largest number of high speed Internet access subscribers in the United States. Used Eclipse to work on HTML pages

- Responsibility included. Updating, modifying, creating, adding new pages and functionality to the features pages as well as working on new projects.
- Used Eclipse SVN to check-in developer code.
- Go through Wireframe, comps and content docs
- Used ATG to dynamically update contents.
- Used clicktrack to see the performance of promotions.
- Hand code html and CSS in different pages, following **semantic markup and 508 compliancy**.
- Cross browser compatibility in IE6, IE7, Firefox and Mac
- Fix bugs relating to CSS, JavaScript and html
- Used jQuery and mooTools for JavaScript and AJAX framework.

Environment: JSP, JSTL, HTML, JavaScript, CSS 2, ATG – ecommerce software, JQuery, MooTools, ClickTracks