

Prithviraj Sengupta

Senior Software Engineer

Skills

-Retail experience for communication service provider. - Agile Framework (SCRUM).
- Worked on JAMStack Architecture, using Next.
- Knowledge of the financial industry and banking products.
- Creating application that follows Web Content Accessibility Guidelines.
- InsurCloud Insurance portal.

Scripting Language

- Next.js



- React 18



- Redux



- Flutter/Dart



- JavaScript



- TypeScript



- HTML5



- Jest



- Tailwind CSS



- SCSS



- GIT



- Material UI



- NodeJs



A seasoned IT professional with over 12 years of experience in front-end responsive web application development. Enterprise experience in all stages of design, coding and testing of responsive web applications and native applications.

Industry Experience

Financial technology, Regulatory technology, Insurtech and Telco.

Experience

June 2024 Senior Front End Developer

– Current Bell Media.(Canada)

AGILE Methodology

Technologies used:

Next.js, GraphQL, HTML5, Tailwind CSS, Apollo Client, JSON, Yarn, Jasper Player, Norigin Spatial Navigation, React Aria, New Relic, mParticle, Turborepo, Jest, RSBUILD

Software:

VS Code, Tizen Studio, webOS Studio, SourceTree, Jira, Figma, Gitlab

Crave Expansion Bell Media

- Application for subscription-based video on demand service owned by Bell Media
- Worked on JAMStack Architecture, using Next created statically generated sites that can be fetched as starting point for app. Subsequent routes are client pages.
- This allows better search optimization.
- All content and language in application is driven by GraphQL data queries.
- Integrated Jasper Player, this is a media player framework for audio or video playback. Has built in support for features like streaming, media controls, and playback management.
- React Aria was used for accessible user experience. The app was compliant with Web Content Accessibility Guidelines.
- Used monitoring tools like New Relic (tracking application performance) and mParticle(tracking customer data).
- chose RSBUILD for its performance optimization capabilities, such as tree shaking, code splitting, and minification.
- Worked on tools like Confluence, Jira and Figma.
- Used Gitlab CI/CD for cloud deployment.

April
2023 –
June
2024

Senior Front End Developer

Bell.(Canada)

AGILE Methodology

Technologies used:

React 18, Jest, NodeJs, GraphQL, Redux, Playwright, HTML5, Material-UI, RESTful API, JSON, SCSS, GULP, Webpack, Babel, NPM

Software:

VS Studio 2017, VS Code, SourceTree, Jira, Figma, Postman, Gitlab

- MongoDB

- RESTful API

- GraphQL

- Jenkins

- Docker

- Figma

- Bootstrap

- Jasmine

- Protractor

- ServiceNow

- Playwright

- Akita

- GULP

- Babel

- Webpack

- NPM

Software

- VS Code

- Android Studio

- Tizen Studio

One View Common Solution(Retail Qualification/ Residential Configuration)

- Allows users to view profile and offers, check service qualification, check product catalogue and inventory, extended aisle and omni ordering, wireless configuration and quotes and in store appointments all under one solution.
- worked with task runners like gulp, webpack bundler, Babel and npm package manager.
- Backend is NodeJs which allows application to integrate with other products through API calls.
- Product integrated with Retail Ordering Tool, Point of Sale, SAP Hybris, Canada Post(Address Validation).
- Worked on tools like Confluence, Jira and Figma.
- Platform can be used by corporate store/dealer all brands and customer direct sales.
- Worked on making pages compliant with Web Content Accessibility Guidelines.
- Used Gitlab CI/CD for cloud deployment.
- Worked with Docker(DevOps) to create Docker Images and run container to set up testing environment.
- Worked with large dataset state management using Redux
- Extensively worked with React Hooks(custom and built-in), React Hook Form, MillionJs(optimization), React window to render large mobility product lists.

May 2021

- April
2023

Front End Developer

Deloitte.(Canada)

AGILE Methodology

Technologies used:

React 17, Akita(State management), NodeJs, MongoDB, Jest, Playwright, HTML5, Material-UI, RESTful API, JSON, GULP, Webpack, Babel, NPM

Software:

VS Code, SourceTree, ServiceNow, Figma, MongoDB, Bitbucket, Jenkins

InsurCloud Insurance

- Portal allows end user to buy, renew and claim insurance policy.
- worked with task runners like gulp, webpack bundler, Babel and npm package manager.
- Backend is NodeJs which allows application to integrate with other products through API calls.
- Product integrated with Guidewire(Policy Centre and Billing Centre), Moneris(Payment Service), Google(Geocoding), Canada Post(Address Validation) and Sitecore(Content Management System).
- Worked on tools like Confluence, Jira, Figma and ServiceNow.
- Platform allows user to quote and bind policy for Residential and New Business.
- Platform allows agents to service an existing policy.
- Worked with large dataset state management using Akita.
- Used Jenkins CI/CD for cloud deployment.

- Visual Studio

- Bitbucket

- SourceTree

- New Relic

- Adobe Photoshop

- Jira

- Service Now

- Worked with Docker(DevOps) to create Docker Images and run container to set up testing environment.
- Worked on making pages compliant with Web Content Accessibility Guidelines.

August

2019 –

May 2021

Front End Developer

TM7 Technology.(Canada)

AGILE Methodology

Technologies used:

React, Redux, TypeScript, Jasmine, Protractor, HTML5, JSS, Material-UI, RESTful API, JSON, GULP, Webpack, Babel, NPM

Software:

Visual Studio, JIRA, TFS

Compliance Star

- Developed on-demand compliance software platforms to streamline regulatory reporting and oversight.
- Designed and deployed backend services using AWS, Google Cloud Platform (GCP), and Kubernetes.
- Utilized tools such as Notion, Pivotal Tracker, Slack, and Confluence to manage agile workflows and team collaboration.
- Implemented build and automation workflows using Gulp, Webpack, Babel, and npm.
- Built features supporting risk monitoring, internal sign-off workflows, and compliance management.
- Enabled document upload workflows for Approved Persons to meet due diligence obligations.
- Integrated Firebase SSO and developed reusable web components for secure authentication validation.
- Created UI modules to support a web-based purchasing tool and service provisioning.
- Managed large-scale, real-time data with Redux for efficient state management.
- Developed and maintained dynamic forms to collect input from senior managers.
- Built tools for generating custom Excel reports from UI data to support audit and log management.
- Maintained full audit trails of communications to support regulatory and legal compliance.
- Ensured front-end accessibility by adhering to Web Content Accessibility Guidelines (WCAG) standards.

Technologies used:

Flutter, Dart

Software:

Android Studio, SourceTree, Bitbucket

Alignify

- Makes it easy for people to virtually line up at their favourite stores and keep out of physical lines where possible.
- This new tool is designed to help stores manage their entrance line-ups and does not supersede the instructions from their staff manning the store's entrance.

Personality

- ✓ Optimistic
- ✓ Patient
- ✓ Hard Working
- ✓ Creative

Hobbies



Travelling



Photography



New Technologies

February
2016 –
May 2019

Senior Software Developer

Fiserv Inc. (AGILE Methodology)

Technologies used:

React, Redux, TypeScript, Jasmine, Protractor, HTML5, SCSS, KendoUI, XML, RESTful API, JSON, GULP, Webpack, Babel, NPM

Software:

Visual Studio, JIRA, TFS

Engage

- Allows bankers to view and modify customer and account information.
- Engage is a common front end solution which is capable to communicate with any Fiserv core system.
- Its UI is completely dynamic and changes according to database.
- worked with task runners like gulp, webpack bundler, Babel and npm package manager.
- Allows admin users to control access rights for different bankers.
- Worked with RESTful APIs to communicate with backend services, created custom nested JSON to incorporate these services which are written in C#.
- Worked with large dataset state management using Redux.
- Worked Node.JS to create proof of concepts to demo product owners.
- Created chat bot to help customers with FAQ's.

February
2014 –
January
2016

Web Developer

Synechron Technologies
(SPEED Methodology)

Technologies used:

React, Jasmine, HTML5, CSS, JSON, GULP, Webpack, Babel, NPM, JQuery, HTML5, CSS3, Material-UI, Bootstrap, RESTful API

Software:

Sublime Text, JIRA, Adobe Photoshop

Retirement Solutions

- This project targeted to provide game design technique to retirement content material.
- This application allows user to live through a virtual life in which he has to make real life financial decisions and after completion virtual life user's retirement amount is calculated.
- Components are there in this application like leader-board, profile, avatar, resource center etc.

Education

2006 –
2012

Bachelor of Technology: Computer Engineering.

Equivalency in Canada: Bachelor's degree (4 years)

Bharati Vidyapeeth Deemed University