

ASHIS PAVAN KODAPPULLY

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SUMMARY

Front-end Lead and Senior developer with over 11 years of experience in crafting modular, maintainable web applications. Adept at transforming UI/UX designs into accessible, user-friendly features. Proven track record of leading front-end initiatives across diverse teams.

EXPERIENCE

Front-end Lead / Senior Front-end Engineer

Ministry of Transportation, Government of Ontario

August 2025 - Present, Toronto, Canada

- Owned front-end architecture and integration for Vehicle OTC modernization project - Vehicle product management, Plate renewals, Order management, fines and denials portal using React (Next.js), Zustand, React-hook-form, Zod.
- Developed Proof-Of-Concepts for pdf view and generation of fines and denials templates, finance summary views using react-pdf renderer.
- Created custom reusable components and hooks for payment portal, and integrated point-of-sale (POS) terminal to the OTC portal.
- Partnered closely with UX designers to translate Figma prototypes into polished, reusable UI components and production-ready pages.
- Used Azure DevOps to manage the end-to-end CI/CD pipeline (builds, releases, approvals), monitor deployment health, and troubleshoot issues using pipeline logs and run history.
- Ran grooming, estimation with business and technical stakeholders; translated requirements into user stories, acceptance criteria, and implementation plans.
- Partnered with QA and business users through UAT cycles, triaged defects, and delivered prioritized fixes aligned to release milestones.
- Led production issue triage and root-cause analysis; provided debugging recommendations, shipped remediations, and introduced preventive controls (error boundaries, improved logging, state handling).
- Integrated REST APIs, implemented resilient client-side error handling, and ensured cross-browser responsive behaviour.
- Delivered WCAG 2.0 AA, AODA compliant UI: semantic HTML, keyboard navigation, ARIA patterns, focus management, and accessible form validation.

Front-end Lead / Senior Developer

Infosys Ltd (Client: Cox Communications)

January 2024 - July 2025, Toronto, Canada

- Led development efforts for migrating legacy e-commerce application from jQuery and Freemarker template language (FTL) to React version 19.
- Developed a reusable React component library to standardize UI elements across multiple applications and teams, improving consistency and development efficiency.
- Developed Proof-Of-Concept modules to introduce new mobile shopping experience for customers using React/Next.js and react-three-fiber.
- Implemented complex front-end functionalities using Javascript, jQuery, Grunt, SASS and Handlebars across multiple pages in mobile shop e-commerce application.
- Researched and implemented third-party integrations like PDF.js to enable viewing and signing agreements for the device payment plans in the application.
- Built multiple reusable modal components for displaying various promotions, improving code reusability and consistency.
- Actively participate in code reviews, ensuring adherence to coding standards, best practices, and overall code quality.

Senior Developer / Front-end Dev Lead

Infosys Ltd (Client: AT&T, DIRECTV)

October 2020 - December 2023, Toronto, Canada

- Lead front-end developer for AT&T and DIRECTV.COM's 'Support' web application, where customers can search, troubleshoot issues and read support articles related to their streaming products.
- Requirement gathering from Product Owners, analysis, estimation, design and development of new feature requests.
- Launched a server-side rendered version of the application using Next.js (v11), React.js (v17), Webpack, Node.js, Material UI, SASS.
- Integrated Content Management System (CMS) into the application.
- Created custom hooks, implemented a custom responsive article library for Support pages using Next.JS.
- Integrated multiple APIs including Azure search for search component on the page.
- Facilitate knowledge transfer and mentor newly joined team members for quick ramp-up.
- Worked on performance improvements - code refactoring, image optimizations, server-side rendering.
- Worked on improving SEO and accessibility of the web application using CATO tools.
- Migrated the web application to AWS cloud platform - tasks included setting up CI/CD pipelines, Kubernetes deployments, Ingress, Nginx resource creation.
- Participate in Agile workflows - sprint grooming, planning and estimation.
- Worked as Site Reliability Engineer for Support web application.
- Responsible for site reliability workflows - alert monitoring using Quantum Metric, Dynatrace, and Production Support.
- Unit testing setup for code coverage using React Testing Library, Jest and Enzyme.
- Worked on improving SEO and rich text results for Support article pages.

Senior Front-end Developer

Infosys Ltd (Client: ULTA Beauty)

May 2019 - September 2020, Toronto, Canada

- The development and maintenance of the customer management portal for ULTA Beauty, a cosmetic client based out of the US, where a customer can book appointments for skin care and hair dressing.
- Developed responsive customer management portal using React (v16+), Redux, SASS.
- Integrated GraphQL APIs to the React app, worked on SQL for data migration activities.
- Implemented caching using Redis.
- Created Node.JS API endpoints for customer booking, billing and checkout activities.
- Worked as on-site coordinator to assign tasks to the offshore team.

Front-end Developer

Infosys Ltd (Client: AIMIA, Eaton)

June 2014 - April 2019, Trivandrum, India

- Development of loyalty platform applications for AIMIA, a leading loyalty platform client based out of London, UK.
- Involved in designing mockups and development using Backbone.JS, jQuery, Gulp, Grunt, Freemarker Template Language, HTML, CSS.
- Created custom reusable libraries using jQuery, developed components like search bar, tables, cards, sort/filter/paginations.
- Created SQL schema for marketing application using MySQL workbench.
- Worked on improving accessibility score based on best practices.
- Created polyfills for cross-browser, legacy browser compatibility.

EDUCATION

Bachelor of Technology - Electronics and Communication

Amrita School of Engineering • Kollam, India • 2010-2014 • 8.9

CERTIFICATIONS

React Developer Nanodegree

- Udacity

Front End Web Developer Nanodegree

- Udacity

Infosys Certified Javascript Frameworks Professional

- Infosys

SKILLS

Skills 1: React.js (17+), Next.js (11+), Javascript (ES6+), Typescript, Node.js, HTML5, CSS3, jQuery, LESS, SASS, TailwindCSS, Redux, Zustand, React-hook-form, Material UI, Storybook, Backbone.js, Handlebars, Kubernetes, AWS, Google Maps API, Webpack, Grunt, MySQL, PostgreSQL, MongoDB

Tools: Visual Studio Code, IntelliJ IDEA, Windsurf, Cursor, Sublime Text, Maven, Git, SourceTree, Jira, Azure DevOps, GitHub, BitBucket, Dynatrace, Figma, Spline
