

# Jaykumar Patel

SOFTWARE DEVELOPER— JavaScript Programming, Debugging & Responsive Design

✉ [pateljayd97@gmail.com](mailto:pateljayd97@gmail.com) ☎ +1 (519)-774-5062 📍 [Brantford](#) **in** [LinkedIn](#)  [GitHub](#)  [Portfolio](#)

## SKILLS

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- **Programming Languages:** JavaScript, C, C++, Python-applied across development and scripting scenarios.
- **Version Control:** Git for repository management, versioning, team workflows, and project lifecycle tracking.
- **Libraries & Frameworks:** React-integrated into Multifaceted single-page applications,full-stack web solutions.
- **Web Development & Design:** HTML, CSS, Vanilla JavaScript, Bootstrap and Tailwind CSS for web designs.
- **Database Management:** SQL & MongoDB for Database, NoSQL, PostgreSQL, queries, integration tasks.

## WORK EXPERIENCE

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### Frontend Developer Intern

August 2024 – Present

*Vosyn*

*Ontario*

- Improved responsive UI components using React.js, Next.js, TypeScript, and Webpack, and improving page load times by 30% and user experience (UX), across platforms using mobile-first design principles and CSS Grid.
- Integrated Strategic state management with Redux, and React Context API, enhancing app performance by 20%, reducing crashes by 15%, and streamlining data flow in large-scale applications with Tuned React hooks.
- Assessed code reviews, increasing code base maintainability by 30% and improving team collaboration through Git version control, and ensuring best practices in component reusability, modularization, and error handling.
- Enhanced accessibility by implementing ARIA standards, utilizing WCAG 2.1 compliance tools, and incorporating automated testing frameworks, and reducing UI barriers by 40% and ensuring cross-browser compatibility.
- Automated build and deployment processes using Webpack, Babel, NPM, and Docker, reducing build time by 30% and improving development efficiency across teams with CI/CD pipelines and version control integration.
- Led a team of 15 associates, optimizing operations by 25% through real-time feedback, process improvements, resource allocation, and task prioritization, resulting in better goal alignment and productivity across the team.
- Transformed predictive analytics and data visualization tools to optimize inventory projections, achieving 98% accuracy, reducing stockouts by 25%, and improving order fulfillment efficiency during peak sales periods.

## PROJECT EXPERIENCE

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### Expense Tracker

August 2024 – Present

*FullStack Developer Live Demo*

*Ontario*

- Engineered a MERN stack architecture implementing secure CRUD endpoints, JWT-auth APIs, reducing response latency by 32% across all client-server interactions via Streamlined route middleware, caching techniques.
- Integrated Agile React Hooks, and Redux state management, improving state performance by 41% and modularizing 100% of the user-facing interface elements to scale multi-device accessibility with responsive design.
- Incorporated Git workflows, continuous integration tools like Jenkins to track commits, close 95% of issues within weekly cycles, and optimize version control for production-readiness in cloud-compatible deployment structure.

### Little Lemon

July 2024 – August 2024

*Frontend Developer Live Demo*

*Ontario*

- Developed booking workflows using React components, integrating useReducer for state transitions, and achieving 100% coverage in form validation, error-handling, asynchronous API calls, and Redux middleware integration.
- Implemented CSS transitions, responsive layouts, Flexbox system, CSS Grid Layout, BEM methodology, improving rendering consistency across 3 screen breakpoints and raising Lighthouse UI audit score to 98%.
- Deployed structured React Router logic with nested routes, increasing navigation efficiency by 45% while isolating page-level state from global store to simplify component-level testing with Jest, Enzyme, and E2E testing.

## EDUCATION

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### Postgraduate in Web Development

September 2022 – December 2023

*Conestoga College, Brantford*

### Bachelor's Degree in Computer Engineering

June 2015 – June 2019

*Gujarat Technological University, India*

## CERTIFICATIONS

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- Hackathon 2.0 Participant, Meta Front-End Developer Certificate Series
- React Developer Certification, Python Programming Certification