Vartika Gupta

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Summary

Software Developer with a strong background in building applications using Agile methodologies. Skilled in leveraging technologies like React, TypeScript, SQL and APIs to deliver high-performance solutions. Passionate about accessibility, code reusability, and creating innovative features for full stack apps that enhance user experiences and business outcomes.

Skills

Languages: JavaScript, TypeScript, Python, Java, HTML, CSS, SASS, XML, XHTML

Frameworks and Libraries: React, Redux, Vue, Bootstrap, Tailwind, JSF, Node.js, WebSockets, WordPress, jQuery, Salesforce, Foundation

DevOps and Version Control: Webpack, Babel, CI/CD pipelines, Git, Bitbucket, TeamCity, OpenShift, OpenText CMS

Testing: Playwright, Cypress, Jest, Mocha, React Testing Library, Chai, Katalon Studio

Data management: SQL, REST, MongoDB, PostgreSQL, GraphQL, Postman, Data Analysis, Data Modeling, Data Cleaning

Web Development Principles: Responsive Design, Cross-Browser Compatibility, Performance Optimization, WCAG (Web Content Accessibility Guidelines), A11y (Accessibility)

Work Experience

Deloitte Canada — Ottawa
Senior Front End Developer — Apr 2024 - Oct 2024

- Improved team operational efficiency by 20% each quarter by solely representing the development team in triage meetings with clients and the Project Manager, providing accurate effort estimates and proposing effective solutions for product before work acceptance.
- Drove a 15% increase in customer acquisitions for Canada Post by developing high-impact campaigns, including the Small Business Campaign, Gain an Edge in E-Commerce, and Free Shipping Tuesday, using HTML, Sass, JavaScript, and React to promote e-commerce adoption and enhance user engagement.
- Authored WordPress blogs and JavaServer Faces marketing forms using XHTML , enhancing visibility and engagement for small businesses and client's sponsors.
- Resolved JIRA tickets by providing immediate technical support by deploying component and performance fixes using OpenText Teamsite CMS.
- Implemented analytics and SEO updates, resulting in a 30% increase in organic search traffic for client's websites.
- Enforced best development practices, including accessibility guidelines and component testability using Jest and E2E testing using Playwright, while providing technical documentation and mentorship to new hires, leading to improved code quality and team efficiency.

Innovapost (Canada Post Group of Companies) — Ottawa
Software Engineer — Jun 2019 - Apr 2024

- Contributed significantly in rebranding Canada Post website by creating reusable components with TypeScript, Foundation and Sass, compliant with WCAG and A11y guidelines, resulting in an 80% improvement in code reusability and 100% in accessibility. Translated Figma designs to multiple pages and subpages throughout the website.
- Led the development of the new navigation, beta dashboard, and several subpages using JavaScript, XSL, Foundation, and React, integrating Redux for state management and RESTful APIs to dynamically switch assets based on user type, significantly enhancing UX with personalized and responsive components.
- Engineered the development and re-architecture of multiple national-level applications for Canada Post, improving load times by 80% using Mendix, React, Java, SQL, HTML and CSS.
- Created PostgreSQL database schemas, developed RESTful APIs, implemented Test Driven Development, used Microsoft Azure to manage large-scale distributed data and Jenkins for deployments.
- Coordinated training and supervision of contractors on application support, while mentoring client support teams and creating Confluence documentation for maintaining the code base, resulting in a technically proficient team and a reduction in support inquiries.

Education

Algonquin College, Ottawa - Computer Engineering Technology, Computing Science — Sep 2016 - Jun 2019