

# Vartika Gupta

+16137907712 | [vartikag.13@gmail.com](mailto:vartikag.13@gmail.com) | <https://www.linkedin.com/in/vartikag-1309> | <https://github.com/vartikag13>

## Summary

---

Frontend Engineer 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 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 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

- Led the development of the new Navigation, Beta Dashboard, and several subpages using **TypeScript**, **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.
- Improved team efficiency by **20%** quarterly by solely representing the development team in **Agile** triage meetings with clients, providing estimates, and proposing technical tasks for product, design, and operations before sprints.
- Drove a **15%** increase in customer acquisitions for client servicing both B2B and B2C by developing high-impact bilingual campaigns for marketing and new products, using **HTML**, **Sass**, **TypeScript**, and **React** to promote e-commerce adoption and enhance user engagement.
- Authored **WordPress** blogs and **JavaServer Faces** marketing forms using **XHTML** and adding **SEO** updates, resulting in a **30%** increase in organic search traffic for client's websites.
- Enforced best development practices with **ESLint**, **Prettier**, **WCAG** accessibility guidelines and component testability using **Jest** and **E2E testing** using **Playwright**.
- Provided **technical documentation** and **mentorship** to new hires, leading to improved code quality and team efficiency.
- Resolved **JIRA** tickets by providing immediate **support** by deploying JavaScript **component** and **performance fixes** using OpenText Teamsite **CMS** meeting **100%** of deadlines.

## 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**, **React**, **Foundation** and **Sass**, compliant with **WCAG** and **A11y** guidelines, resulting in an **80%** improvement in code reusability and **100%** in accessibility.
- Engineered the **end-to-end development** for address management, sketching out delivery routes and aid mail sortation throughout different postal codes in Canada and performed **ETL** using CSV file using **Mendix**, **Java**, **JavaScript** and **ESRI** maps.
- Developed responsive application for post office functions like PO box purchase, renewals, mail pickup and dropoff using **Mendix**, **React**, **HTML**, **SCSS** and **Android Studio**.
- Created a **CSS design system** used across apps and various JS packages and introduced **Foundation** CSS framework to different webpages, enhancing design consistency and reducing development time.
- Translated **Figma** designs to multiple responsive pages and subpages throughout the website.
- Collaborated with cross functional teams to consume their API for getting client's retail customers and created **REST APIs** documented using **OpenAPI**, to return PO boxes and modify them in the database.
- Created **PostgreSQL** database schemas, implemented Test Driven Development using **Chai**, used **Microsoft Azure** to manage large-scale distributed data and **Jenkins** for deployments.
- Coordinated training and supervision of contractors, while mentoring client support teams and creating **Confluence** documentation for maintaining the code base, resulting in a reduction in support inquiries.

## Certification

---

**Mendix Rapid Developer** : 2019

## Education

---

**Algonquin College, Ottawa** - Computer Engineering Technology, Computing Science

Sep 2016 - Jun 2019