

Vraj Patel

Halifax, NS | vrajhpatel1801@gmail.com | +1 (902) 441-6651 | [Linkedin](#) |

Education

Dalhousie University, Bachelor of Applied Computer Science Expected May 2026

- **Coursework:** Data Structure and Algorithm, Network Security, Web Development and Security, DBMS and RDBMS, Project Management, UX/UI Design, Software Development Life Cycle (SDLC)

Experience

Software Developer, Certopus May 2024 - Aug 2024

- Revamped the website's UI using Next.js to improve user experience and interface responsiveness by implementing modern design principles and optimizing component rendering
- Developed and integrated backend features with Python and Java Spring Boot to streamline data management and user authentication, reducing API response time by 20% by building RESTful APIs and implementing secure authentication workflows.
- Delivered scalable solutions that accelerated product releases by collaborating with cross-functional teams and leveraging agile methodologies through sprint planning, code reviews, and CI/CD pipelines.

Junior Developer, Dalhousie University Sep 2023 - Dec 2023

- Explored user and business needs for the Student Observation Tool by conducting user research, stakeholder interviews, and testing, utilizing principles like design thinking and Agile methodologies to address critical customer challenges.
- Designed and developed UI/UX solutions, including wireframes, prototypes, and mockups, using HTML, CSS, and JavaScript, prioritizing mobile-first designs and enhancing usability and accessibility across diverse devices.
- Collaborated with product owners, senior developers, and a team of 8 members to execute UX and visual design requirements, ensuring seamless integration with the backend while optimizing user workflows and interface responsiveness.

Projects

Twitter2 [GitHub](#)

- Developed and implemented RESTful APIs using Spring Boot (Java) for seamless communication between the backend and frontend, enhancing data transfer efficiency by 25% through optimized request/response handling and error management.
- Built and integrated a responsive frontend using React to improve user engagement and interface performance by leveraging reusable components and React hooks for state management.
- Performed rigorous testing and debugging using Postman to ensure API reliability and performance, identifying and resolving 95 times of reported bugs through manual testing, test case execution, and endpoint validation.

Skills

Languages: Java, Python, SQL, JavaScript, C++ , C, HTML, CSS, PHP.

FrameWork: React, Next.js, Node.js, Spring Boot(Java), REST API.

Tools: Git Lab, GitHub, Postman, Workbench, Jira, Confluence, TensorFlow, VS Code, IntelliJ.

Other Skills: Strong Communication and Verbal Skills, Time Management, Problem-Solving and Analytical Skills, Multitasking.

Certifications

AWS Certified Cloud Practitioner

Expires December, 2027