

Vraj Contractor

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ABOUT ME

Dedicated Full Stack Java Developer currently pursuing a degree in **Software Development and Network Engineering** at **Sheridan College**. Skilled in designing and delivering robust applications with **Spring Boot, Java, and modern front-end frameworks**. Demonstrates strong communication, problem-solving, and teamwork skills, and strives to build user-friendly, efficient web solutions.

TECHNICAL SKILLS

- **Languages:** Java (Advanced), JavaScript/TypeScript, Python, C, PHP
- **Frameworks & Libraries:** Spring Boot, React, AngularJS, jQuery, Bootstrap, Thymeleaf
- **Tools & Platforms:** Git, Eclipse, NetBeans, Visual Studio Code, Android Studio, AWS
- **Databases:** Oracle, MySQL, H2
- **Networking:** HTTP, FTP, SMTP, DNS, DHCP, NAT, SNMP
- **Operating Systems:** Windows, Linux (Bash/Shell), macOS
- **UI/UX:** JavaFX, Scene Builder, Figma

EDUCATION

Sheridan College Institute of Technology and Advanced Learning
Computer Systems Technology - Software Development and Network Engineering
Core GPA: 3.23/4.0

Brampton, ON
Jan 2022 – Dec 2025

PROJECTS

Spring BookReviews

- **Tech Stack:** Java (Spring Boot, Spring Security, Spring MVC), Thymeleaf, JavaScript, HTML5/CSS, H2
- Developed a full-stack Java web application for book reviews, featuring secure user authentication
- Implemented an MVC structure that streamlines data flow between the front end (Thymeleaf) and the back end (Spring).
- Integrated an H2 in-memory database for fast prototyping and easy testing.

Chess Clone

- **Tech Stack:** HTML, CSS, JavaScript.
- Built a two-player chess game with responsive piece movement and turn-based logic.
- Leveraged DOM manipulation and event listeners in JavaScript to manage piece movement and ensure fluid gameplay.

Pet Rescue Charity Donation Management

- **Tech Stack:** Oracle (SQL, PL/SQL), CSV data pipelines
- Created and managed a donation database system using Oracle, automating CSV data loads and rejecting invalid records while maintaining detailed error logs.
- Designed a star schema data mart for deeper analytical insights into donation trends.
- Enforced user-level security, referential integrity, and data consistency.

Shooting Game

- **Tech Stack:** C#, .NET
- Built a 2D shooting game in C#, showcasing strong object-oriented programming (OOP) principles to model game entities (tank, cannonballs, and shapes).
- Implemented collision detection and dynamic movement logic, enhancing realism and responsiveness.
- Applied event-driven programming to process user inputs in real time, resulting in a smooth and engaging gameplay experience.