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   Brampton, ON
Computer Systems Technology - Software Development and Network Engineering   *Jan 2022 – Dec 2025*
Core GPA: *3.36/4.0*

PROJECTS

Institutional Space & Resource Management Platform
React, Spring Boot, PostgreSQL, MongoDB, Docker, JWT, REST API

- **Designed and developed a full-stack web platform for managing college facilities and resources across student, faculty, admin, and guest roles.**
- **Implemented real-time room & equipment booking, crowd detection using computer vision, and secure authentication with JWT.**
- **Built microservices for modular architecture and containerized the entire system using Docker for scalable deployment.**

Movie Explorer (Web App)
Spring Boot, Thymeleaf, OMDb API, Gemini AI, REST API, HTML/CSS

- **Built an AI-enhanced web application that lets users search movies and get smart recommendations using Google Gemini API.**
- **Integrated OMDb API to retrieve detailed movie data including plot, ratings, poster, and cast info.**
- **Implemented clickable Gemini AI suggestions that auto-trigger new searches, enabling a seamless recommendation loop.**
- **Designed a responsive UI with Thymeleaf and modern CSS for a clean, interactive user experience.**

Full Stack Microservices System – Police & Plushie Gateway App
Spring Boot (Microservices), REST, H2 Database, Angular, Java

- **Built two RESTful microservices (Police and Plushie) with independent H2 databases, using Spring Data JPA, Lombok, and layered architecture.**
- **Developed a Gateway service to expose and aggregate both microservices under unified endpoints, routing API calls seamlessly.**
- **Integrated Angular front-end with the Gateway to allow item/employee management, purchases, and role-based interaction.**