

Vraj Contractor

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ABOUT ME

Full-stack developer specializing in Java, Spring Boot, and Angular, with hands-on experience building scalable web and mobile applications from scratch. Skilled at designing REST APIs, integrating AI services, and creating real-time features with WebSockets. Adept in Agile environments, balancing clean code principles with rapid delivery. Passionate about problem-solving, experimenting with new tech, and delivering applications that are both functional and intuitive. Currently expanding skills in React to broaden full-stack versatility.

TECHNICAL SKILLS

- Languages & Frameworks: Java, Spring Boot, TypeScript, JavaScript, Angular, React, Node.js, FastAPI, Swift, HTML5, CSS3
- Frontend & Mobile: Angular, React, HTML5, CSS3, Tailwind CSS, Thymeleaf, UIKit, Storyboard, MapKit, Responsive Design
- Backend & APIs: Spring Boot, RESTful APIs, WebSockets, OkHttp, REST Proxy, Microservices, Java Mail, Socket Programming, JWT Authentication, Spring Security
- AI & Integration: Gemini AI, OMDb API, GNews, Reddit API, NYTimes API, AlphaVantage, NewsAPI
- Databases: PostgreSQL, MongoDB, MySQL, H2, CoreData
- Dev Tools & Concepts: Docker, Git/GitHub, GitHub Actions, Jira, Agile (Scrum/XP), Lombok, Multiplayer Architecture, Service Layer Architecture

EDUCATION

Sheridan College Institute of Technology and Advanced Learning

Computer Systems Technology - Software Development and Network Engineering

Core GPA: 3.36/4.0

Brampton, ON

Jan 2023 – Dec 2025

TECHNICAL EXPERIENCE

Capstone – Institutional Space & Resource Management Platform

React, Spring Boot Microservices, PostgreSQL, YOLO

- Built a full-stack platform for room and resource booking using React and Spring Boot microservices
- Developed authentication, scheduling, and resource APIs consumed by faculty testers
- Collaborated in an Agile team, managing sprints, pull requests, and cross-service integration

News AI Platform

Spring Boot, Gemini AI, Cron Jobs, Java Mail, REST APIs

- Created an AI-powered backend that delivers personalized news digests to 20+ users via automated emails
- Integrated multiple news APIs (GNews, NewsAPI, Reddit, NYTimes) into a unified content model
- Used Gemini AI to generate 100–150 word topic-based summaries with ~85% relevance accuracy
- Implemented dynamic cron scheduling and fallback logic to improve reliability and reduce failures

Blackjack Royale (Ongoing)

Spring Boot, Angular, WebSockets

- Developing a real-time multiplayer Blackjack game with 4-player rooms and synchronized gameplay
- Designed a WebSocket-based event system achieving <200ms card updates across connected clients
- Implemented core game logic (deck, dealer AI, chip system) and Angular UI flows for room joining and betting
- Conducting iterative testing and refinement to ensure stable state management and fairness