

# 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 2022 – Dec 2025

## TECHNICAL EXPERIENCE

### [News AI Platform](#)

*Spring Boot, Gemini AI, Email API*

- Initiated and developed an AI-powered backend service that delivers personalized news summaries to 20+ users via scheduled emails
- Translated user preference settings into dynamic cron jobs using Spring Boot to automate customized content delivery
- Collaborated with early testers to refine Gemini API filters, generating 100–150 word summaries with over 85% relevance accuracy

### [Movie Explorer](#)

*Spring Boot, Thymeleaf, OMDb API, Gemini AI*

- Built a responsive movie discovery app that returns 3 AI-curated recommendations based on search input
- Integrated Gemini AI to analyze metadata and suggest genre- and plot-based alternatives using the OMDb API
- Led frontend design with Thymeleaf for intuitive desktop browsing, optimizing load speed and user engagement
- Enhanced user experience by implementing robust error handling and API fallback logic, resulting in >95% test success rate

### [Blackjack Royale \(Ongoing\)](#)

*Spring Boot, Angular, WebSocket*

- Currently developing a real-time multiplayer Blackjack game supporting 4-player rooms and extensive testing of game logic
- Designing WebSocket-based architecture to achieve low-latency (<200ms) card updates and synchronized player turns