

# Shawn Nabizada

[shawn.nabizada@gmail.com](mailto:shawn.nabizada@gmail.com) | [www.linkedin.com/in/shawn-nabizada](http://www.linkedin.com/in/shawn-nabizada) | [github.com/shawn-nabizada](https://github.com/shawn-nabizada)

## EDUCATION

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### Champlain College Saint-Lambert

*Diploma of College Studies (DEC) in Computer Science*

Saint-Lambert, QC

*August 2023 - June 2026 (Expected)*

### Centennial Regional High School

*Secondary School Diploma*

Greenfield Park, QC

*September 2018 - June 2023*

## PROJECTS

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### CourtierPro

September 2025 - March 2026

- A bilingual full stack Spring Boot + React platform for a Quebec real estate brokerage, featuring transactional workflows, document management, and real-time analytics
- Collaborating within a team of 4 in an Agile/Scrum environment to gather requirements, design a tailored architecture, and deploy a secure system with role-based access control
- **Tech:** Java, JUnit, Spring Boot, React, TypeScript, TanStack Query, Tailwind CSS, PostgreSQL, Flyway, AWS (S3, SES), Auth0, Docker, GitHub, Jira

### Champlain Pet Clinic

September 2025 - October 2025

- A full stack Spring Boot + React project that simulates an online pet clinic done collaboratively with a class of 44 students
- Developed the Cart microservice (team of 6) in an Agile/Scrum workflow by implementing REST APIs, integrating backend services, and building frontend components to deliver a cohesive user experience
- **Tech:** Java, JUnit, Spring Boot, React (Node.js), TypeScript, MySQL, MongoDB, Docker, GitHub, Jira

### TimmyTutorials

November 2025

- An AI-powered interactive coding tutor that generates step-by-step lessons from PDF briefs or user prompts using hybrid OCR and GPT models.
- Built an interactive workspace with multi-file code generation, line-by-line explanations, and optional voice narration via Deepgram.
- **Tech:** Python, Flask, OpenAI API, Deepgram API, PyPDF2, Tesseract OCR, Docker, JavaScript, HTML/CSS

## TECHNICAL SKILLS

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**Programming Languages:** Java, Python, TypeScript, JavaScript, SQL, HTML/CSS

**Frameworks / Tools:** Spring Boot, Flask, React, Tailwind CSS, TanStack Query, JUnit, AWS, Auth0, Flyway, Docker, Git, GitHub, Jira

**AI / OCR Technologies:** OpenAI API, Deepgram API, PyPDF2, Tesseract OCR

**Databases:** PostgreSQL, MySQL, MongoDB

**Methodologies:** Agile / Scrum, CI/CD, Containerization, API Design

**Languages:** English (proficient), French (familiar)

## RELATED EXPERIENCE

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### Champlain Code Quest Hackathon - MVP Winner

November 2025

- Won **MVP** and contributed to the team winning **Best Overall Project** at Champlain College's annual Code Quest hackathon viewable on Devpost.
- Co-built *TimmyTutorials*, an AI-powered coding tutor featuring hybrid OCR, GPT-driven lesson generation, and Deepgram-based voice interaction.

### Tutoring

September 2025 - Present

- Simplify complex programming concepts for diverse learners, promoting understanding and confidence
- Support students through debugging and assignments while fostering independent problem-solving and resilience