

# Amir Ghouari

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Montréal

## PROFESSIONAL SUMMARY

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Software engineering student at UQAM (Montreal) focused on full-stack development and DevOps. I enjoy building complete applications, from user-friendly interfaces to backend systems, and ensuring they are reliable, scalable, and production-ready. Driven by understanding software end-to-end: how features are built, how data flows, and how applications are deployed and maintained. I value clean architecture, maintainable code, and automation. Current focus: Deepening backend skills with Next.js server-side features, APIs, and database-driven architectures. Experience with PostgreSQL and Supabase for backend logic, authentication flows, and data handling.

## WORK EXPERIENCE

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### Full-Stack Developer – Fashion E-commerce Startup

Jan 2026 - Present

• Montréal

- Develop and maintain the e-commerce platform frontend, backend logic, and database integration
- Implement new features to improve product browsing, cart, checkout, and user flows
- Optimize performance (page load, queries, API response times) to support online sales
- Fix bugs and resolve technical issues reported by users or stakeholders
- Collaborate with the team on design decisions and deployment workflows
- Document code and technical processes for maintainability

### Database Tutor – SQL & Relational Databases

Dec 2025 - Dec 2025

• Montréal

- Designed and delivered a complete revision program covering SQL and relational database concepts (Oracle Database)
- Prepared structured explanations, practice exercises, and project-oriented examples for students
- Held tutoring sessions to clarify data modeling, normalization, and query optimization
- Helped students prepare for exams through mock questions and hands-on practice
- Answered student questions and provided feedback on database design and queries
- Held tutoring sessions to clarify data modeling, normalization, and query optimization in preparation for the final

### Hackathon Organizer – New Students (UQAM)

Sep 2025 - Sep 2025

• Montréal

- Coordinated logistics: venue, schedule, materials, and technical setup
- Supported participants before and during the event (registration, questions, team formation)
- Communicated with speakers, mentors, and sponsors
- Ensured a collaborative and inclusive learning environment

- Helped troubleshoot technical issues during the hackathon

## Programming Tutor – Web & Java Fundamentals

Sep 2025 - Oct 2025

• Montréal, Québec

- Tutored students in **web development fundamentals** (HTML, CSS, basic JavaScript) and **Java programming basics**
- Explained core programming concepts including variables, control structures, functions, and object-oriented principles
- Assisted students with coding exercises, assignments, and debugging
- Provided step-by-step guidance to improve problem-solving and coding logic
- Helped students prepare for quizzes, exams, and practical assessments through targeted practice

## EDUCATION

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### Software Engineering (B.Sc.)

2024 - Present

Université du Québec à Montréal (UQAM) • Montréal

## SKILLS

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**Front End:** HTML5, CSS3, JavaScript, React, Next.js, Tailwind CSS, Sass, Figma

**Backend:** Java, Maven, Node.js, SQL, MongoDB, MySQL, PostgreSQL, Supabase

**DevOps:** Linux, Docker, Git, GitHub, GitLab, AWS

**Systems & Languages:** Assembly, C, C++, Java

## VOLUNTEER WORK

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### Conference Volunteer – ConFoo Montréal

Feb 2026 - Present

ConFoo Montréal • Montréal

- Assisted with event setup and teardown (rooms, equipment, signage)
- Performed technical checks for speakers (AV, connectivity, demos)
- Coordinated on-site support for speakers and attendees
- Directed participants to sessions, workshops, and networking areas
- Helped resolve technical issues during presentations

### AÉGÉI (École de génie, UQAM)

Jan 2025 - Jan 2026

UQAM • Montréal

- Volunteered with the **student association of the École de génie (UQAM)** to support academic and community initiatives
- Assisted in organizing student events, workshops, and association activities
- Provided logistical support during events and meetings
- Collaborated with team members to ensure smooth coordination of activities
- Helped foster engagement and collaboration among engineering students

## AWARDS AND HONOURS

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- Collaborated with the team to define the app concept and user flows
- Designed and built a solution enabling communities to locate disaster-affected individuals
- Implemented features for requesting and coordinating essential aid
- Presented the winning pitch to judges and stakeholders