

# Rima Nafougui

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## EDUCATION

**Technique in Web and Applications** | Expected May 2026

Cegep Ahuntsic, Montreal, Quebec

- Cote R: 28
  - Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Systems, Web Development, Operating Systems, Native Mobile Development, Microsoft Development, C# Game Development
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## TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Java, Python, C#, PHP, Swift, Kotlin, C++, HTML5/CSS3
  - **Frameworks & Libraries:** React, Next.js, Node.js, Vue.js, Express.js, ASP.NET, Tailwind CSS, Framer Motion
  - **Databases:** PostgreSQL, MySQL, MongoDB, Supabase, Prisma ORM
  - **Tools & Technologies:** Git, GitHub, VS Code, Visual Studio, Unity, Linux, VMWare, XAMPP, Postman
  - **Cloud & DevOps:** Vercel, GitHub Actions, AWS, Supabase
  - **Other:** RESTful APIs, NextAuth.js, OAuth, Agile/Scrum, Test-Driven Development (TDD)
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## PROJECTS

Personal Portfolio Website | [Github](#) | [Live Demo](#)

Next.js, React, Tailwind CSS, Framer Motion, TypeScript, Vercel | July 2025 – Present

- Built responsive personal portfolio website using Next.js 14 with App Router, featuring smooth page transitions and animations via Framer Motion
- Implemented server-side contact form with email functionality using Nodemailer API, including form validation and spam protection
- Optimized for performance achieving 94+ Lighthouse score through Next.js image optimization, lazy loading, and static site generation
- Deployed on Vercel with automated CI/CD pipeline triggered by GitHub commits, ensuring zero-downtime deployments

E-commerce Website | [Github](#)

Vue.js, PHP, MySQL, XAMPP, HTML5/CSS3, JavaScript | November 2024 – December 2024

- Developed a full-stack e-commerce platform with product catalog, shopping cart, and checkout functionality using Vue.js frontend and PHP backend with RESTful API architecture

- Designed and implemented normalized MySQL database schema with 8+ tables for products, users, orders, and inventory management, optimizing queries with proper indexing
- Built secure user authentication system with password hashing, session management, and role-based access control for admin and customer interfaces
- Implemented RESTful API endpoints with proper HTTP methods (GET, POST, PUT, DELETE) for CRUD operations, input validation, and error handling

### **Closet Organizer Web Application | [Github](#) | [Live Demo](#)**

*Next.js, Supabase (PostgreSQL), NextAuth.js, Tailwind CSS, Vercel* | September 2025 – Present

- Engineered a full-stack wardrobe management application with secure user authentication via NextAuth.js supporting Google and GitHub OAuth providers
- Architected normalized PostgreSQL database schema in Supabase with relational tables for users, clothing items, categories, and outfit combinations, implementing Row Level Security (RLS) for data protection
- Implemented real-time CRUD operations using Supabase client library, enabling users to catalog and organize clothing items with advanced filtering by category, color, season, and custom tags
- Designed responsive UI with Tailwind CSS featuring image upload with optimization, drag-and-drop functionality, and search capabilities across all device sizes
- Deployed on Vercel with automatic CI/CD pipeline, achieving 95+ Lighthouse performance score through Next.js App Router and server-side rendering optimization

## **RELEVANT EXPERIENCE**

### **Programming Tutor | May 2025 – Present**

College Ahuntsic/Freelance, Laval, Quebec

- Mentor 15+ college and undergraduate students in programming concepts across SQL, Java, Python, JavaScript, Kotlin, and Swift.
- Debug and explain 50+ code problems weekly, teaching best practices in algorithm design, code optimization, and software architecture patterns
- Develop supplementary learning materials including coding challenges, visual diagrams, and video tutorials to reinforce complex concepts like data structures and OOP principles
- Provide guidance on debugging techniques, version control with Git, GitHub Actions CI/CD, and collaborative development workflows including code reviews and pull requests

### **Math Tutor | August 2024 – May 2025**

College Ahuntsic, Laval, Quebec

- Tutored 5 computer science students in linear algebra and discrete mathematics, focusing on applications in computer graphics and algorithm analysis
- Explained mathematical concepts relevant to programming including matrix operations for ray tracing, graph theory for algorithms, and probability for machine learning

- Created Python scripts and visual demonstrations to illustrate mathematical concepts in practical coding scenarios
  - Assisted students with problem-solving strategies for computational mathematics and logic-based programming challenges
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## **LEADERSHIP & ACTIVITIES**

**Women in STEM Program** | December 2023 – June 2024

College Ahuntsic/CCMM, Laval, Quebec

- Participated in mentorship program connecting with women professionals in cybersecurity and video game development, gaining insights into agile development practices and industry best practices
  - Attended workshops on emerging technologies, career development, and technical interview preparation
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## **LANGUAGES**

- **English:** Professional Working Proficiency
- **French:** Native
- **Arabic:** Native