Murad Novruzov

Montreal, QC, Canada

📞 +1 (438) 531-9991 ✉ murad.novruzov1899@gmail.com 🔗 novruzovmurad ⌨ novruzoff 🔗 novruzoff.github.io

EDUCATION

McGill University	**Expected Graduation: 2027**
Bachelor of Science in Computer Science	*Montreal, QC, Canada*

SKILLS

Languages: Python, Java, TypeScript/JavaScript, C, HTML/CSS, Bash
Frameworks/Tools: React, Next.js, Node.js, AWS, Docker, PostgreSQL, Git, Unix, CI/CD Pipeline, Tailwind, Vercel

EXPERIENCE

SSMU (Students' Society of McGill University) ⌨ — **July 2025 – present**
Web Developer (paid part-time) — *Montreal, QC, Canada*

- Designing websites for student organizations at McGill University, already building **10 websites**.
- Working closely with SSMU's System Administrator to launch websites into production and host them on SSMU servers.

McGill Ventures (University Club) ⌨ — **March 2025 – present**
Frontend Developer — *Montreal, QC, Canada*

- Developing new front-end features using **Next.js** and **Tailwind CSS** to build a responsive CRM interface that streamlines customer relationship management.
- Collaborating with Backend Developers and Product Managers to integrate **Spring Boot APIs**, manage **PostgreSQL** data, and implement secure authentication (**JWT/Firebase/Auth0**).

MindVista (Student-run University Club) ⌨ — **November 2024 – present**
Full Stack Developer — *Montreal, QC, Canada*

- Maintaining and developing MindVista's new production stack using **Next.js**, **Payload CMS**, **Tailwind CSS**, **Vercel**, **Neon (PostgreSQL)**, **AWS S3**, and **Docker**, replacing the previous WordPress setup and ensuring secure, scalable architecture.
- Leading a development team to maintain and scale MindVista's production web platform, coordinating feature development, code reviews, and release cycles.

ARB (Azerbaijan Republic Broadcaster) ⌨ — **June 2023 – August 2023**
Web Development Intern — *Baku, Azerbaijan*

- Maintained ARB's website and digital platforms, implementing updates and bug fixes to improve performance and enhanced the user interface, resulting in a **15% improvement** in site performance metrics.

PROJECTS

True Competency with *Mayo Clinic*

- Built a production-ready competency tracking platform for interventional cardiology training, delivered for the ***"APSC TCIP 2025 IVUS Course on Coronary Imaging and Physiology"*** in **Hong Kong**, where the project was presented by **Dr. Kwan Lee** from **Mayo Clinic**, widely recognized as thebest hospital in the world.
- Created separate dashboards for trainees, instructors, and committee members, using **Next.js + TypeScript** for frontend, **Tailwind CSS** for UI, **Supabase (PostgreSQL)** for backend, with everything deployed on **Vercel**.
- Implemented a normalized data model for **100+ IVUS competencies** with difficulty tiers and tag-based filtering and an end-to-end assessment pipeline with MCQ testing with proper database-level access control, row-level security, and stored procedures to guarantee audit-safe evaluations, approvals, and voting workflows.

MindVista Website

- Built a new website for MindVista using **Next.js**, **Payload CMS**, **Tailwind CSS**, **Vercel**, **Neon (PostgreSQL)**, **AWS S3** and **Docker** to improve security, performance, and SEO.
- Improved **SEO score** from **54** to **92** and loading speeds by **67%**, reduced Largest Contentful Paint from **7.9s** to **3.2s**, Speed Index from **4.9s** to **1.6s** and infrastructure **costs** by **97.36%**.

ReLease

- Built a user-friendly website on **Python**, using its **Dash framework** for interactive data visualization interfaces with data stored in **MongoDB**.
- Secured a dedicated domain for future development: to connect Montreal tenants for lease transfers.