

Murad Novruzov

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EDUCATION

McGill University
BSc in Computer Science

Expected Graduation: 2027
Montreal, QC, Canada

EXPERIENCE

MindVista (Student-run University Club) 🔗
Web and Tech Developer

November 2024 – present
Montreal, QC, Canada

- Transitioned from a WordPress system to lightweight **Next.js/Payload** stack, eliminating redundant plugins and reducing attack vectors, resulting in a **100% Best Practices score** and improved maintainability.
- Improved SEO score from **54 to 92** and **loading speeds by 67%**, cutting **Largest Contentful Paint from 7.9s to 3.2s** and **Speed Index from 4.9s to 1.6s**.
- Implemented a serverless architecture (**Vercel, Neon, AWS S3**), **reducing infrastructure costs by 97.36%** while ensuring real-time dynamic content rendering and high availability.

ARB (Azerbaijan Republic Broadcaster) 🔗
IT and Web Development Intern

June 2023 – August 2023
Baku, Azerbaijan

- Supported the development and maintenance of ARB's website and digital platforms, implementing updates and bug fixes to improve performance and enhance the user interface, which resulted in a **15% improvement** in site performance metrics.
- Worked closely with web developers on the implementation of responsive design and new web features, such as interactive video content integration and improved site navigation, boosting user engagement.
- Assisted in backend development tasks, including optimizing database queries and improving website load times through performance tuning, enhancing the scalability of the site's infrastructure.

PROJECTS

Portfolio Website | React.js, JavaScript, HTML, CSS, GitHub Pages

June 2024 - present

- Architected and developed a fully responsive personal portfolio website using **React.js**, implementing reusable components and optimizing performance through lazy loading and code splitting for efficient content delivery.
- Designed smooth and interactive user experiences by integrating custom animations, dynamic content rendering, and event-driven features such as scroll-based header behavior and hover-triggered element scaling for enhanced user interaction.
- Deployed and configured the website on **GitHub Pages**, implementing advanced client-side routing techniques to handle single-page application (SPA) behavior while resolving limitations of static hosting environments, such as subpage access and favicon routing.

ReLease | Python, "Dash" framework, MongoDB, HTML, CSS, Git

January 2024

- Developed "ReLease", a website leveraging Python's **Dash framework** and **MongoDB**, designed to connect Montreal tenants seeking to transfer their apartment leases, addressing the local housing crisis.
- Implemented a user-friendly interface allowing tenants to post listings, detail lease agreement clauses, and specify desired transfer periods, streamlining the lease transfer process.
- Secured the domain **"www.re-lease.biz"** for future hosting, demonstrating foresight and commitment to providing a dedicated platform for lease transfers in Montreal.

SKILLS

Languages: Python, C++, Java, C, Swift, JavaScript, TypeScript, HTML/CSS, Bash, Assembly, OCaml
Frameworks/Tools: React.js, Node.js, Next.js, Tailwind CSS, MongoDB, WordPress, Django, Dash (Python)