Arseny Matveev

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EDUCATION

University of Guelph   Guelph, ON
Bachelor of Computing Honours in Software Engineering   *Sep. 2022 – May 2026*

EXPERIENCE

Front-End Developer (Co-op)   May 2024 – Aug. 2025
Sun Life Financial   *Toronto, ON*

  Term 1   *Sep. 2024 – Dec. 2024*
  - Engineered reusable UI components with Stencil.js, reducing code duplication by 50% and accelerating feature rollout across teams.
  - Enabled cross-platform functionality (web, iOS, Android) using Ionic/Capacitor as part of a company-wide code unification effort.
  - Built an accessibility monitoring app in React; wrote unit tests with 90% coverage, ensuring ongoing WCAG compliance.

  Term 2   *May 2025 – Aug. 2025*
  - Authored a 10-page Module Federation 2.0 report and tested 10+ features
  - Built a proof-of-concept integrating Micro Front-Ends with SSR + SPA navigation; reduced average page latency by 32% compared to legacy setup.
  - Developed a Lighthouse automation system (Node/Express + React) to run recurring audits and visualize results, saving 20 developer hours per sprint.
  - Participated in an internal API development gig, experimenting with Spring Boot APIs and agile workflows; capped project with a presentation on AI-driven API practices

PROJECTS

Full-Stack Web Music Player | *Typescript, React, Express, Mongo*   Sep. 2024 – Oct. 2024
  - Developed a full-stack web music player with a user interface that lets you upload and play music.
  - Built a scalable, RESTful API to manage music data, ensuring smooth interaction between frontend and backend.
  - Implemented Discord OAuth for user authentication and role-based access, allowing admins to upload music.
  - Created admin-specific features with form validation for secure and efficient music uploads.

Full-Stack Billiards Simulator | *Python, Javascript, C, SQL*   Sep. 2023 – Nov. 2023
  - Developed a billiards simulator from scratch with back-end physics using C.
  - Implemented database using SQL to store game data.
  - Deployed on a server through a REST API using Python.
  - Implemented a front-end using Javascript and jQuery.

TECHNICAL SKILLS

Languages: JavaScript, Java, Python, C/C++
Frameworks: React, Node, Express, Mongo, Spring, REST
Misc. Tools: Git, Docker, Postman, Figma

EXTRA-CURRICULAR EXPERIENCES

Computer Science Club Director   Sep. 2021 – June 2022
UMCA Richtree Academy   *Vaughan, ON*
  - Leveraged communication skills to effectively teach members the Python language and host discussions about programming and CS related topics.
  - Mentored members in developing a habit tracker program using Python, providing guidance on project structure, best coding practices, and functionality implementation.
  - Guided members in setting up and utilizing Git for version control, while actively reviewing their work through Git repositories.