

JUNIOR SOFTWARE DEVELOPER

Detail-oriented and motivated **Software Engineering Technology** student with a **4.4 GPA** and a unique background in high-pressure healthcare environments. Seeking a **Co-op Junior Software Developer** position to leverage **strong analytical, problem-solving, collaborative, and clear communication** skills gained through both academic projects and professional experience in multidisciplinary teams.

TECHNICAL & PROFESSIONAL SKILLS

Technical Proficiency

- **Programming Languages:** Academic and project experience with **C#, .Net Framework, and Java**.
- **Web Development:** Foundational knowledge of front-end development (**JavaScript, HTML, CSS, React**) and back-end concepts (**Node.js, Express.js, MongoDB**).
- **Database & Systems Design:** Designed and implemented normalized **SQL** databases using **Oracle 12c** for academic projects, including creating ERDs and writing queries.
- **Environments & Tools:** Developing within **Microsoft Azure, Visual Studio** (IDE for **.NET**), **Visual Studio Code**, and **Eclipse** in **Windows** and experience working within **Linux/Unix** environments.

Methodology & Analysis

- **Software Engineering Lifecycle:** Academic experience in the initial phases of the **SDLC**, including requirements elicitation and **SRS** authoring. Currently expanding knowledge to encompass full-cycle implementation, testing, and deployment through advanced coursework.
- **Development Operations:** Practical application of **Agile/Scrum** methodologies and project tracking with **Jira**. Currently gaining proficiency in version control with **Git** through collaborative academic projects.

Professional Skills

- **Client-Focused Communication:** Exceptional **verbal and written communication** skills, driven by a background in healthcare to understand and deliver on user needs and ensure an exceptional experience.
- **Multidisciplinary Collaboration:** A proven **collaborative team member** with extensive experience operating effectively in high-stakes, **multidisciplinary teams**.
- **Autonomous & Organized:** Demonstrated ability to **work independently** with minimal supervision, employing excellent **organizational** and **time management skills** to **multitask** and **meet critical deadlines** in fast-paced environments.
- **Work Ethic:** **Diligent, detail-oriented, and highly motivated**, with a proven track record of precision under strict regulatory standards.

EDUCATION

Software Engineering Technology (Co-op) Advanced Diploma | September 2024 – Present

Centennial College, Toronto, ON | **GPA: 4.4/4.5 (A+)**

Relevant Coursework: Object-Oriented Programming (C#/Java), Web Development (JavaScript/React/Node.js/Express.js/HTML/CSS/MongoDB), Database Systems & SQL (Oracle 12c), Software Requirements & Design, Linux/Unix Systems.

Diploma, Registered Practical Nursing | September 2005 – April 2007

Sault College of Applied Arts and Technology | **GPA: 4.0/4.0 (A+)** | Graduated with Distinction

SELECT ACADEMIC PROJECTS

Web Hosting Canada Website Clone | HTML5, CSS & Responsive Design | December 2024

- Developed a fully responsive, multi-page marketing website, featuring a dynamic homepage, service plans page, and interactive user authentication forms.
- Engineered modern front-end components including a fixed navigation bar, hero section, and pricing grid using modern CSS techniques (Flexbox/Grid).
- Implemented robust form validation to enhance user experience and data integrity.

E-Commerce Database System | SQL, Oracle 12c, Data Modeling | Team Project | April 2025

- Collaborated with a team to design and implement a fully functional, normalized SQL database for an e-commerce platform, following the Systems Development Life Cycle (SDLC).
- Contributed to engineering the database architecture, including ERD creation and defining schemas with tables, primary/foreign keys, and constraints.
- Developed key components including product catalog, customer profiles, shopping cart functionality, and shipping status tracking to meet all business and user requirements.

Software Requirements Specification: Personalized Study Assistant | Team Project | April 2025

- Collaborated with a team to author a comprehensive 50+ page Software Requirements Specification (SRS) for an AI-powered educational platform, following IEEE standards.
- Contributed to stakeholder analysis and the elicitation of over 40 detailed functional and non-functional requirements.
- Designed UML diagrams (Use Cases, Class, Sequence Diagrams) to model system behaviour, data structures, and interactions between entities.
- Specified critical project constraints including data privacy, scalability, and integration with external Learning Management Systems (LMS).

PROFESSIONAL EXPERIENCE

Mental Health Nurse | Sault Area Hospital – In-Patient Unit | July 2007 – February 2025

- Applied **crisis management** and **problem-solving** skills to de-escalate high-pressure situations, ensuring safety and prioritizing critical needs.
- Demonstrated exceptional **multidisciplinary collaboration** by working within a team of doctors and therapists to execute coordinated care plans.
- Maintained **meticulous** documentation and strict adherence to regulatory standards, proving a strong **attention to detail**.
- **Autonomously** managed a dynamic caseload by **prioritizing tasks** and **managing time** efficiently in a fast-paced environment.