

Sajjan Gautam

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Objective

A computer science student graduating in the near future, equipped with a solid foundation in programming, algorithms, and software development. Eager to contribute to a collaborative team by applying technical knowledge to real-world projects. Committed to continuous learning, professional growth, and delivering value through innovative solutions. Excited to take on new challenges, leverage academic expertise, and make a positive impact in a dynamic work environment.

Projects

Clinic Management System

GitHub Link: [Web Services Course](#)

- Developed RESTful web services for managing clinic operations using Java and frameworks like Spring Boot and Jakarta EE.
- Added features include managing doctor and patient records, filtering by criteria, and calculating statistics.
- Deployed using GlassFish and tested via Postman.
- Implemented file-based data handling for doctors and patients using '.in' files.
- Provided robust endpoints for CRUD operations and data filtering with query and form parameters.

Employee Management System

GitHub Link: [Application Development I Course](#)

- Developed a desktop application using ASP.NET Core Web API and MSSQL to streamline HR operations.
- Designed modules for managing employee data, payroll, and leave tracking, tailored for SMEs.
- Implemented role-based access control, authentication mechanisms, and RESTful API integrations.
- Enhanced system reliability with data validation, error handling, and database connectivity.
- Planned future scalability with mobile app development and third-party service integration.

BMCT Cars

GitHub Link: [Front End Web Programming Course](#)

- Designed a front-end web application for a car dealership using HTML, CSS, and JavaScript.
- Developed interactive pages showcasing car models, booking services, and FAQs with responsive design for desktop and mobile platforms.
- Integrated functionality like a dynamic car comparison tool and form validation using JavaScript.

Technical Skills

- **Programming Languages:** Java, C#, JavaScript, HTML, CSS
- **Frameworks & Tools:** .NET Core, React.js, Maven, Jersey Client
- **Database Management:** MSSQL
- **Web Development:** REST API, Dynamic Web Projects, GlassFish Server
- **Software Development Patterns:** Singleton, MVC, Iteration
- **Programming Paradigms:** Object Oriented Programming, Front-end development, back-end development
- **Version Control:** Git, GitHub
- **IDEs:** IntelliJ, Netbeans, Eclipse, VS Code, Visual Studio

Professional Experience

Forum Research — Outbound Interviewer

January 2024 – May 2024

- Conducted outbound telephone computer-assisted surveys, ensuring high-quality data collection and adherence to project guidelines.
- Accurately recorded and managed survey responses in a computer database, maintaining data integrity and confidentiality.
- Demonstrated strong interpersonal skills by maintaining clear and professional communication with respondents to ensure accurate and reliable survey results.

Key Skills Developed

- **Teamwork and Collaboration:** Worked effectively with colleagues to complete projects and meet deadlines.
- **Communication:** Engaged professionally with respondents to ensure clear and accurate data collection.
- **Time Management:** Balanced multiple tasks efficiently while meeting project requirements.
- **Problem-Solving:** Adapted to challenges by finding practical solutions to improve workflow and data accuracy.

Education

Vanier College, Montreal, QC

AEC in Software Development: Secure Desktop, Mobile and Web Applications

September 2023 - Present

(Expected Graduation: August 2025)

Languages

- **English:** Fluent
- **Chinese:** Intermediate
- **French:** Beginner