

## Shreya Kamalakannan

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### Objective

Software Engineering student seeking a co-op position to apply object-oriented programming, automation, and web development skills in real-world projects. Motivated to contribute to a team and gain hands-on experience in software development and process automation.

### Education

Ontario Tech University, Oshawa, ON

Bachelor of Software Engineering | Expected Graduation: 2028

Relevant Courses: Object-Oriented Programming, Web Programming, Data Structures

### Technical Skills

Programming: Java, Python (scripting & file handling), PHP

Web Development: HTML, CSS, JavaScript

Databases & Tools: SQL, Git, GitHub, CLI workflows

Applied Skills: Automation scripting, data processing, website management

### Projects

#### Painting Gallery Web Application

- Developed a PHP & MySQL web application that allows users to view, add, and delete paintings.
- Implemented full CRUD functionality and server-side validation for secure data handling.
- Enhanced user interface with HTML/CSS for an intuitive browsing experience.

#### University Course Management System

- Built a Java-based object-oriented system to manage departments, courses, instructors, students, and enrollments.
- Applied inheritance, aggregation, and ArrayList-based relationships to model complex data structures.
- Designed UML diagrams to document system architecture and workflow.

#### Job Description Parser (Python Automation, In Progress)

- Created a Python script to extract company names and job roles from postings, organizing data into CSV for easy tracking.
- Implemented regex pattern matching and file handling to automate repetitive tasks.
- Demonstrates skills in automation, data processing, and CLI workflows.

### Work Experience

#### Administrative Assistant | Ontario Tech University

- Supported website management and administrative tasks.
- Organized digital files and assisted in process improvements.
- Improved workflow efficiency for student services.

### Other Experience & Strengths

- Strong communication, organization, and teamwork skills
- Quick learner and adaptable to new technologies and tools
- Volunteer experience supporting accessibility and community programs