

# Aashish Aryal

Mississauga, ON

437-979-4707

[aashish45348@gmail.com](mailto:aashish45348@gmail.com)

<https://www.linkedin.com/in/aashish-aryal-214438197/>

## SKILLS

- **Programming:** Java, C#, Python, JavaScript, HTML5, CSS, React, SQL
- **Salesforce:** Apex, LWC, Aura, SOQL, SOSL, Flows, Process Builder, Validation Rules, Approval Process
- **Tools & Platforms:** Git, Bitbucket, GitHub, Jenkins (CI/CD), Jira, MS Office Suite
- **Methodologies:** Agile, Waterfall, Iterative, SDLC
- **Other:** Object-Oriented Programming, Data Structures, Database Design

## EDUCATION

### Full Stack Software Development

January 2024 - Present

Lambton College, North York, ON

Built projects including:

- **Book Hive (Database Management):** Online bookstore with user management, cataloging, and reviews.
- **Quiz App (Python/Django):** Multiuser quiz platform with randomized question sets.
- **Employee Management (JavaFX):** Desktop app with MySQL integration for admin & user roles.

### Bachelor of Computer Engineering

November 2017 – April 2022

Tribhuvan University, Kathmandu, Nepal

- Specializing in programming, databases, networking, AI/ML, and cloud computing.
- **Major Project:** Music generation using Python (LSTM neural network, MIDI dataset). Music generation using a neural network with Python and machine learning techniques. This application generates music with the help of Neural Networks by training an LSTM model on a dataset of MIDI piano music.
- **Minor Project:** Online Examination System (HTML, CSS, JS, PHP). This web application system allows schools and colleges to arrange, conduct, and manage examinations via an online environment.

## PROFESSIONAL EXPERIENCE

### Information System Specialist

May 2025 – August 2025

Rama Gaming House, Mississauga, ON

- Engineered and maintained casino management software, implementing slot machine data tracking and building React + Node.js dashboards, improving monitoring efficiency by 40%.
- Designed and optimized MySQL player databases, implementing indexing and normalization to boost query performance by 35% while ensuring data security and compliance.
- Automated daily revenue reporting by developing SQL scripts with PDF generation pipelines, reducing manual reporting effort by 60%.
- Integrated third-party gaming platforms using REST APIs, improving the interoperability of casino systems by 30%.

- Enhanced fraud detection algorithms with pattern-based anomaly detection, reducing fraudulent activity by 25%.
- Implemented encryption protocols, authentication workflows, and AML transaction reporting modules in compliance with FINTRAC, cutting reporting errors by 20%.

### **Customer Service Representative**

January 2024 – April 2025

Rama Gaming House, Mississauga, ON

- Enhanced communication and problem-solving abilities by providing customer support and effectively resolving issues by keeping detailed records of machine issues.
- Provided technical support for slot machines, ensuring optimal efficiency.
- Handled jackpot payout by completing and submitting verification forms to OLG, ensuring accurate and timely payment to winning customers.
- Delivered exceptional service in the casino by showcasing goal-oriented performance and effective time management.

### **Salesforce Developer**

September 2022 – December 2023

ComplianceQuest, Florida, USA

- Worked on various backend parts of Salesforce such as Process Builders, Flows, Apex Triggers, and Approval Process.
- Use of Aura and various LWC components to create the custom UI components and Visual Force pages.
- Worked on Integration projects to send data from one org to another.
- Used Jenkins to deploy the features, ensuring smooth transitions through the CI/CD pipeline, reducing our development time by 15%.
- Optimized workflow retirement project and used flow builder for those processes, which enhanced our efficiency by 50%.

### **Data Specialist**

November 2021 – January 2022

Cloud Factory, Kathmandu, NP

- Accurately entered and managed large volumes of data across various projects, ensuring data integrity and adherence to tight deadlines.
- Annotated images with precision for AI and machine learning projects, ensuring compliance with client requirements and project guidelines.
- Designed and implemented Excel-based solutions for automating repetitive tasks, improving data processing efficiency by 30%.

### **Laravel Developer Intern**

September 2021 – December 2021

Techcare Software and Research Center, Kathmandu, Nepal

- Designed and created a **Book Resell Management System** using Laravel, following the MVC (Model-View-Controller) architecture to ensure scalability and maintainability.
- Implemented key features such as user authentication, book listings, order management, and search functionality to enhance the user experience.
- Optimized database queries and enforced caching strategies, reducing application load times by 30%.

- Refactored and modularized legacy code, adhering to Laravel best practices, which decreased development time by 25%.
- Conducted testing, debugging, and quality assurance to ensure robust and high-performing applications.