

Aashish Aryal

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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.