

Shreejan Shrestha

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WORK EXPERIENCE

Software Engineer I

Nov. 2023 – June. 2025

ComplianceQuest

- Designed and deployed a digital Standard Operating Procedure (SOP) system by embedding draw.io application as a canvas app within the Salesforce platform. Established seamless bidirectional data synchronization using RESTful APIs which enabled real-time data flow and consistency between the systems.
- Integrated the digital SOP system with internal enterprise products, including offline field data collection forms and quality management process reporting systems which streamlined the operational workflow across the entire product suite.

Associate Software Engineer

Nov. 2022 – Nov. 2023

ComplianceQuest

- Contributed to the development and integration of a Digital SOP application with Salesforce, enabling two-way interaction, and enhanced the draw.io application with additional features.
- Worked with Aura components, Lightning Web Components (LWC), JavaScript, JSP and CSS for the frontend. Visualforce page for PDF rendering. Utilized Apex, Apex Triggers, Flows, and SOQL for comprehensive backend development, complemented by robust unit testing. Docker for containerization. And worked with Java for draw.io enhancements.

Software Engineer Trainee

July. 2022 – Nov. 2022

Ambarkaar Software (currently ComplianceQuest)

- Worked on multiple Salesforce-based projects and extensions, focusing on Nonconformance and CAPA modules within the Quality Management System.
- Hands-on experience with Javascript, Apex, Apex Triggers, Lightning Web Components (LWC), Aura components, Visualforce Page, SOQL, Flows and Unit testing.

Software Engineer Intern

Apr. 2022 – July. 2022

Ambarkaar Software (currently ComplianceQuest)

- Learned about Salesforce development by building various internal projects primarily using Lightning Web Components (LWC), Aura components, Apex, Apex Triggers, SOQL and Flows.

PERSONAL PROJECTS

SF Helper (VS Code Extension)

- VS Code extension designed to streamline Salesforce development by providing quick access to common operations such as deploying, retrieving, running tests, executing anonymous code and managing debug logs. All within the VS Code interface. Deployed in the Visual Studio Marketplace.

Onboard

- Onboard is a Salesforce-based application that streamlines and automates employee onboarding, providing HR teams with a structured workflow to ensure efficient post-hiring processes. It also integrates a separate [web application](#) as a canvas app, enabling two-way synchronization for storing files and training documents.

CEditor

- Actively developing a lightweight text editor from scratch in my spare time, featuring fundamental text editor functions, using C programming language and Raylib graphics library.

DNS Manager for Debian Systems

- Python GTK application for managing DNS server configurations on connected Wi-Fi and wired networks in Linux systems.

EDUCATION

Bachelors of Science in Computer Science and Information Technology 2022

Tribhuvan University, Kathmandu, Nepal

SKILLS & INTERESTS

- **Skills:** Git; Linux; Salesforce; Apex; Apex Triggers; Aura; Lightning Web Components (LWC); SOQL; Flows; VisualForce Pages; JavaScript; TypeScript; Svelte; SvelteKit; HTML; CSS; TailwindCSS; Python; SQLite; PocketBase; Bun; Docker; C; Raylib
- **Interests:** Programming; Building side projects; Graphics; Blender; Godot; Football