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PROFILE SUMMARY

- Experienced Salesforce Developer with 3.5 years of strong expertise in Apex, Lightning Web Components (LWC), VisualForce, SOQL, Flows, and Salesforce platform automation tools.
- Passionate about building side projects in my free time, that address real-world problems and personal pain points, using technologies like C, JavaScript, TypeScript, Python, React, Node.js, SQLite, Svelte, SvelteKit, Raylib, Godot, and Docker to create practical, impactful solutions.
- Proven track record of designing scalable solutions, including custom applications and third-party integrations using RESTful APIs and Canvas Apps.
- Integrated Salesforce with external systems for SOP systems, document management, real-time synchronization, and user interface embedding using modern web standards.
- Strong front end development skills using JavaScript, Lightning Web Components (LWC), Aura Components, TypeScript, React, Svelte, SvelteKit HTML, CSS, and TailwindCSS for responsive and interactive user experiences across Salesforce and web apps.
- Adept in version control, containerization, and CLI tooling with Git, Docker, and Salesforce CLI for modern development and CI/CD practices.
- Strong understanding of both declarative and programmatic Salesforce features including Apex, Apex Triggers, SOQL/SOSL, Flows, Process Builders, and Visualforce.
- Hands-on experience executing data migration strategies within Salesforce environments.
- Built lightweight, performance focused applications using C, Python, and libraries like Raylib and GTK+, showcasing low level programming and desktop GUI development experience.
- Developed and published developer productivity tool, including an open-source VS Code extension (SF Helper) that streamlines Salesforce DX workflows within the editor.
- Solid understanding of system-level scripting and Linux administration through tools like a custom DNS Manager for Debian based linux distributions written in Python with JSON configuration management.

TECHNICAL EXPERTISE

- **Programming Languages:** JavaScript, TypeScript, C, Python, Apex, VisualForce Markup
- **Web Development:** JavaScript, TypeScript, React, Node.js, HTML, CSS, TailwindCSS, Svelte, SvelteKit, RESTful API Integration, PDF Rendering
- **Version Control & DevOps:** Git, Docker, VS Code Extension Development, CLI Tools, Bitbucket
- **Databases & Storage:** SQLite, PocketBase
- **Tools & Platforms:** Linux, JIRA, Confluence, Raylib, Bun, Godot
- **Salesforce Platform:** Apex, Apex Triggers, SOQL, SOSL, Flows, Process Builders, Workflows, Lightning Web Components (LWC), Aura Components, Visualforce Pages, Salesforce CLI, Canvas App Integration, Connected Apps, Debug Logs, Deployment Automation
- **Salesforce Clouds:** Sales Cloud, Service Cloud

ACADEMIC QUALIFICATIONS

- **Bachelor of Science in Computer Science and Information Technology (2022)**

WORK EXPERIENCE

ComplianceQuest Nepal (April 2022 – June 2025)

Project Title: Digital SOP System Integration with Salesforce
Role: Salesforce Developer
Technical Environment: Salesforce (Aura, LWC, Apex, Flows, SOQL, SOSL, Visualforce), JavaScript, JSP, CSS, Java, Docker, RESTful APIs, draw.io, PDF Rendering
Project Description: The project focused on designing and deploying a scalable Digital Standard Operating Procedure (SOP) system embedded within Salesforce. The solution enabled dynamic creation, management, and synchronization of SOPs with external systems, streamlining operations across field data collection and quality management platforms.
Responsibilities:

- Designed and embedded the draw.io application within the Salesforce platform to create a digital SOP system with real-time, bidirectional data sync using RESTful APIs.
- Developed integrations between Salesforce and internal enterprise platforms, including offline field data forms and quality process reporting tools.
- Enhanced draw.io functionality and Java-based services to support customized user interactions and data persistence within Salesforce.
- Built responsive user interfaces using Aura components, Lightning Web Components (LWC), JavaScript, JSP, and CSS.
- Implemented backend logic and automation using Apex classes, triggers, Flows, and SOQL, created Visualforce pages for PDF rendering of SOP diagrams.

- Ensured platform reliability through comprehensive unit testing and used Docker for containerizing auxiliary services.
- Collaborated cross-functionally to align the SOP system architecture with broader enterprise process and compliance requirements.

Project Title: Onboard - Salesforce-based HR Onboarding Application
Role: Salesforce Developer
Technical Environment: Salesforce (LWC, Apex, SOQL, Flows), RESTful APIs, Canvas App Integration, HTML/CSS, JavaScript
Project Description: Onboard is an end-to-end Salesforce solution for automating employee onboarding processes. It includes workflow automation, documentation handling, and external system integration via a web application embedded as a Canvas app.
Responsibilities:

- Developed onboarding workflows in Salesforce using Flows, Apex triggers, and custom metadata to streamline post-hiring processes.
- Integrated an external training document management web application as a Salesforce Canvas app with bi-directional sync.
- Designed user-friendly interfaces using Lightning Web Components (LWC) and standard Salesforce UI components.
- Automated document tracking, reminders, and status updates through declarative tools and Apex logic.
- Ensured data consistency and real-time synchronization using RESTful APIs between Salesforce and the embedded app.
- Implemented secure file handling processes and role-based access for HR users.

RECENT PROJECTS

Project Title: SF Helper - VS Code Extension (Open Source)
Role: Independent Developer
Technical Environment: Salesforce CLI, JavaScript (Node.js), VS Code API, Visual Studio Marketplace
Project Description: Developed a custom VS Code extension to accelerate common Salesforce development workflows by integrating essential Salesforce DX commands directly into the IDE, enhancing productivity and developer experience.
Responsibilities:

- Designed and built a VS Code extension to simplify Salesforce development tasks such as deploy, retrieve, run tests, execute anonymous code, and manage debug logs.
- Integrated Salesforce CLI commands with VS Code's command paletteSF Helper and UI elements for intuitive interaction.
- Published and maintained the extension in the Visual Studio Marketplace for public use.
- Implemented asynchronous operations and notifications to provide real-time feedback for Salesforce processes.

- Handled exception management and user-friendly error messaging to improve developer experience.
- Maintained extension updates based on community feedback.

Project Title: **CEditor - Lightweight Text Editor from Scratch**
Role: Independent Developer
Technical Environment: C, Raylib (Graphics Library), Low-level File I/O
Project Description: A performance-optimized, minimal text editor built from scratch in C, focusing on core editing functionality and efficient rendering using the Raylib graphics library.
Responsibilities:

- Designed and developed a text editor supporting real-time text input, cursor navigation, and basic editing operations.
- Implemented file I/O handling at a low-level using C standard libraries.
- Used Raylib to render UI components and enable interactive text rendering and editing.
- Focused on reducing external dependencies for improved portability and lightweight performance.
- Ensured cross-platform compatibility and resource efficiency throughout development.

Project Title: **DNS Manager for Debian Systems**
Role: Independent Developer
Technical Environment: Python, GTK+ 3, JSON, Debian Networking
Project Description: Created a desktop GUI application to manage DNS configurations for Linux-based systems, allowing users to assign DNS entries to specific adapters dynamically with persistent configuration management.
Responsibilities:

- Designed a Python GTK+ 3 GUI for managing DNS settings across Wi-Fi and Ethernet interfaces.
- Implemented interactive forms and dialogs to add, remove, and view DNS entries.
- Utilized JSON for configuration storage, enabling readable and portable settings management.
- Integrated system-level command execution with safeguards for permission handling.
- Focused on usability and system compatibility for Debian-based linux distributions.