

CHARLES VU

Seattle, WA 98105 | (929) 538 - 8298 | prokhanhphuong@gmail.com
pvu-1864424.github.io | linkedin.com/in/charles-vu

EXPERIENCE

Salesforce Developer – Full Stack, Fiduciary Technology Solutions – Seattle, WA

Technologies: Salesforce, Apex, LWC, SOQL, HTML, CSS, JavaScript, API Integrations.

May 2023 – June 2024
1 year +

- SKUID to LWC Migration** : Led the migration of legacy SKUID pages to Lightning Web Components (LWC) for improved user experience and system performance.
 - Created dynamic LWC templates for BRS records across multiple regions and facility types, reducing page load times by *40%*.
 - Developed tailored report pages with advanced filtering, sorting, and mass updates, enhancing user reporting flexibility and control.
 - Impact** : Increased the overall application efficiency, enhancing the user experience for over *3,000 users*.
- System Maintenance & Optimization** : Worked on maintaining and optimizing system performance, focusing on resolving defects and improving backend efficiency.
 - Achieved *90% test class coverage*, ensuring robust and reliable deployments.
 - Refined the system’s performance by reducing load times from 5-10 seconds to *under 5 seconds*, improving user experience and reducing operational delays.
 - Developed a quick-save feature that updated backend data in real time without page refresh, preserving the user’s position and boosting overall efficiency.
 - Impact** : Reduced manual update time by *50%* and improved the backend response time, leading to enhanced system performance and better user satisfaction.
- CI/CD Pipeline Implementation** : Spearheaded the transition from change sets to a CI/CD pipeline using *Gearset*, streamlining deployment and enabling parallel development.
 - Established a process where developers worked in separate sandboxes, creating feature branches for efficient, conflict-free updates.
 - Managed deployment through Dev, SIT, UAT, and PROD sandboxes, ensuring thorough testing and reducing deployment conflicts.
 - Impact** : Increased team productivity and reduced deployment issues, speeding up the development cycle and improving code quality.
- Due Diligence Data Model Update** : Led the redesign of the Due Diligence (DD) data model to eliminate confusion caused by the “Other” type record, replacing it with *DD Summary* and *DD Junction* objects.
 - Performed a comprehensive code scan to ensure smooth implementation of the new model and cleaned up *1000+ bad records* in production.
 - Updated the codebase to reflect the new data model, improving data integrity and preventing issues in future system updates.
 - Impact** : Prevented data integrity issues and improved the accuracy of Due Diligence records, leading to better data clarity and operational efficiency.

Front-End Developer Intern – ARC Security – Seattle, WA

Technologies: JavaScript, React, HTML, CSS, npm, Figma.

Oct 2022 – Dec 2022
3 months

- Conducted in-depth research on over *250* real estate agents and brokers to accurately identify client expectations and enhance user experience.
- Analyzed client feedback to develop and implement enhanced user interfaces for ARC Security Mobile App, resulting in an *85% customer satisfaction rate*.
- Developed a comprehensive Data Dashboard for the ARC Security Website, integrating client feedback to include all key components, achieving a *90% user satisfaction rate*.

Software Engineering Intern – CMC Technology & Solution – Hanoi, Vietnam

Technologies: Python, React, Bootstrap, Figma.

June 2020 – Oct 2020
5 months

- Integrated OpenCV library and Optical Character Recognition (OCR) with the existing technology stack to support extracting and analyzing objects from images for advanced search applications, increasing recognition accuracy by *30%*.
- Delivered initial mobile application demo on time with a *95% accuracy* and *usability rate* among stakeholders.
- Collaborate with cross functional teams to establish a new framework, accelerating project completion by *20%*.

TECHNICAL SKILLS

Front End : React, Javascript, HTML, CSS, styled-components
Back End : Java, C++, Python, PostgreSQL, MySQL, SOQL, Salesforce, R, Assembly
Tools : Git, npm, API, Firebase, Bootstrap, Jframe, Apex, Lighting Web Components, Visualforce, SKUID, Figma
Certifications: AWS Certified Cloud Practitioner (2024)

EDUCATION

Bachelor of Science in Computer Science & Software Engineering, Univeristy of Washington, GPA: 3.5

Teaching Assistant – Data Science Course

August 2023

PROJECTS

Dvogue – Outfit Generator Website – Seattle, WA

Technologies: React, JavaScript, HTML, CSS, Firebase, Bootstrap, API.

March 2022 – June 2022

- Developed a full stack web application leveraging Firebase for authentication, database storage, and hosting. Integrated third-party APIs for personalized outfit suggestions and real-time user interactions.