

Romain Priour

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Technical Skills

- Python | Java | Kotlin | JavaScript | HTML | CSS | SQL | MongoDB | PostgreSQL | React | Flask | Pandas | Git | Linux | API
- Jupyter | JUnit | Node | Agile | Jetpack Compose | Android Development | Backend | Full Stack | Figma | SAPUI5
- Spoken Languages:** French, English

Professional Experience

[SAP Next Talent](#)

Software Engineer

Sep 2022-Present

Palo Alto, CA

Second Rotation (Mar 2023 - Present)

- Leverage the SAPUI5 Javascript framework to lead the design and development of an entirely new feature within the SuccessFactors Onboarding 2.0 product, a human capital management tool with over 2,200 corporate customers worldwide spread out over 6,000 unique tenants.
- Utilize QUnit, Opa5 and Cucumber to ensure 85% coverage from automated unit and integration tests for said new feature.
- Assist with the design and implementation of APIs to serve data efficiently to our application.

First Rotation (Sep 2022 - March 2023)

- Assisted in the development and launch of the native Android app Sales and Service Cloud, a CRM tool with over 20 corporate customers worldwide.
- Leveraged JUnit and Mockito to increase unit test coverage by over 30% on over 8,000 lines of code during the 15 days before the release deadline.
- Engineered a scalable and highly reusable caching framework for list objects which improved the loading efficiency of certain pages by over 80%.
- Coordinated with UX designers and product managers to implement features such as haptic feedback, UI animations and entirely new screens on the app, leveraging Figma sketches and customer requests to provide the exact desired user experience.
- Designed a POC for a PWA tablet app and authored over 8 pages of detailed documentation which was presented to upper management.

[SAP](#)

Mobile Integration Developer Intern

Jun 2022-Sep 2022

Remote

- Developed a POC for a platform using SAP UI5 which enables users to configure the settings for the various applications present within the SAP Product and Mobile Engineering ecosystem.
- Worked in tandem with backend developers to design, consume and update the OData services that supply data to the application.
- Utilized Figma to design the UI and process flow for the application, making use of the SAP Fiori guidelines to ensure the application is coherent, fluid, and simple to navigate.
- Designed multiple forms of documentation including a README and video presentations to ensure a smooth handover process.

[SAP](#)

Full Stack Software Engineer Intern

Apr 2021-Sep 2021

Palo Alto, CA

- Engineered a platform with a React frontend and a Flask backend to match new grad hires to engineering teams, improving process efficiency by 75% and impacting over 500 individual SAP employees.
- Designed a PostgreSQL relational database schema and utilized SQLAlchemy to implement the database for this platform, which leverages over 1000 data points.
- Utilized SAP Cloud Foundry to migrate this customized platform and its database from development phase to production.
- Influenced new development methodology to senior and executive leadership based on initial project scope.
- Generated end-to-end project roadmap through various media for the enablement of future project adoption and current maintenance.

Projects

Gitlet: A clone of the Git version control system, with support for functions such as adding, committing, pushing and branching.

Education

University of California, Berkeley – Bachelors, Computer Science

Graduation Date: May 2022

Teaching Assistant: CS 61B - Data Structures and Algorithms