

Romain Priour

San Francisco, California, USA | +1 (805) 791-8378 | rpriour17@gmail.com
<https://www.linkedin.com/in/romainpriour> | <https://rpriour17.github.io>

WORK EXPERIENCE

Backend Engineer (T2-2), SAP Business Network

Sep 2023 – Present

- Designed and implemented features for a standalone microservice which leverages asynchronous Kafka messaging to parse, process and route 2+ million documents per hour.
- Conducted technical research for new features by identifying functional requirements, analyzing tradeoffs and authoring architecture diagrams which were presented to upper management and over 100 stakeholders.
- Led the implementation of a comprehensive end-to-end testing stack, including performance testing using Gatling.
- Leveraged company and industry standards to document a standardized logging format and created a distributed tracing library, enhancing the integration of logs, traces and metrics in our microservice ecosystem.

Software Engineer (T2-1), SAP Next Talent Rotational Program

Sep 2022 – Sep 2023

Second Rotation

- Led the development of front-end components and Spring APIs for a new standalone feature for the Onboarding module of Successfactor, improving the customizability of the platform for thousands of corporate customers.
- Leveraged our in-house automation testing framework to increase test coverage of APIs and UI components to over 85%.

First Rotation

- Developed key features in Kotlin for the release of an Android application with over 20 corporate customers on launch.
- Increased test coverage by over 30%, enabling the team to reach the threshold required for release.
- Engineered a scalable and reusable client-side caching framework, improving the loading efficiency of various pages by over 80%.

Mobile Integration Engineer Intern, SAP

Jun 2022 – Sep 2022

- Developed a POC using SAPUI5 and Odata services for a platform which enables users to modify the configurations of the various applications present within the SAP mobile engineering ecosystem.
- Utilized Figma to design the UI and process flow of the application and created over an hour of video content and 25 pages of text documentation.

Full Stack Software Engineer Intern, SAP

Apr 2021 – Sep 2021

- Designed a platform to match new hires to engineering teams, improving process efficiency by over 75% and impacting over 1,000 SAP employees.
- Leveraged SAP Cloud Foundry and hyperscalers to migrate the platform and its database from development to production.
- Standardized the onboarding and deployment process of the Next Talent matching application by leveraging Docker containers, reducing setup time by over 95%, deployment time by 90% and eliminating the possibility of human error.

Teaching Assistant, University of California Berkeley

Aug 2020 – May 2021

- Taught 2 semesters of CS61B, the data structures and algorithms course at UC Berkeley with over 1,600 students, including a personal section of over 30 students.

SKILLS

Programming Languages: Java (Proficient), JavaScript (Proficient), Python (Proficient), Kotlin (Proficient), Go (Familiar)

Technologies: Spring, React, Flask, PostgreSQL, MongoDB, Docker, Kubernetes, JUnit, Cucumber, Gatling, Karate, Bash, Apache Kafka, Dynatrace

EDUCATION

Bachelors, Computer Science, University of California Berkeley

May 2022