

Romain Priour

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WORK EXPERIENCE

Backend Engineer (T2-2), SAP Business Network

Sep 2023 – Present

- Designed and implemented features for a standalone microservice, utilizing asynchronous Kafka messaging to parse, process and route over 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 within 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 feature in the Onboarding module of SuccessFactors, 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 launch of an Android application with over 20 corporate customers.
- Increased test coverage by over 30%, enabling the team to reach the required threshold 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 proof of concept (POC) using SAPUI5 and Odata services for a web platform which enables users to modify their configurations for the various applications within the SAP mobile engineering ecosystem.
- Utilized Figma to design the UI and process flow of the application.
- Created over an hour of video content and 25 pages of text documentation to streamline the handover process.

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 significantly reducing 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, SQL, PostgreSQL, MongoDB, Docker, Kubernetes, JUnit, Cucumber, Gatling, Karate, Bash, Apache Kafka, Dynatrace, OpenTelemetry

EDUCATION

Bachelors, Computer Science, University of California Berkeley

May 2022