Romain Priour

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WORK EXPERIENCE

Software Engineer (T2-2), SAP Business Network   **Sep 2023 – Present**
- Designed and implemented parsing and processing features for a Spring Boot microservice built to handle over 2 million XML documents per hour.
- Conducted technical research for new features and authored architecture diagrams, which were presented to upper management and over 100 stakeholders.
- Led the implementation of a comprehensive testing stack, boosting developer confidence and ensuring the product satisfies performance requirements.
- Engineered a distributed tracing library and documented a standardized logging format, enhancing the integration of logs, traces and metrics within our microservice ecosystem.

Software Engineer (T2-1), SAP Next Talent   **Sep 2022 – Sep 2023**
- Completed two 6-month rotations as part of SAP's developer rotational program, one as an Android developer and one as a full stack developer.
- Led the development of UI components and Spring APIs for a new feature of SuccessFactors, improving the customizability of the platform for thousands of corporate customers.
- Developed key features in Kotlin for the launch of a mobile CRM application with over 20 corporate customers.
- Engineered a scalable and reusable client-side caching framework, improving the loading efficiency of various pages by over 80%.
- Increased test coverage by over 30%, enabling the team to reach the required threshold for release.

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.
- Containerized the platform using Docker and Kubernetes, reducing setup time by over 95%, deployment time by 90%, and virtually eliminating the possibility of human error during onboarding and deployment to the cloud.

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, Javascript, Python, Kotlin, Go
Technologies: Spring, React, Flask, Jetpack Compose, SQL, PostgreSQL, MongoDB, Docker, Kubernetes, JUnit, Cucumber, Gatling, Karate, Bash, Apache Kafka, Dynatrace, OpenTelemetry, CI/CD

EDUCATION

Bachelors, Computer Science, University of California Berkeley   **May 2022**
GPA: 3.55