

# Stéphane NGUYEN

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## Skills

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- **Programming** : JavaScript | Java | Python | C++
- **Technologies & tools** : React.js | Node.js | Express | SAPUI5 | MongoDB | MySQL | Unit Testing | Unix | JUnit5 | Jest | Git/Github | Maven | Insomnia | Scrum | Jira

## Work Experiences

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**SAP** - Levallois-Perret, France

Mar 2022 - Sep 2024

### Software Engineer Apprentice

*Within the SAP BusinessObjects WebIntelligence area, I spearheaded Full Stack Development of internal quality tools from ideas to production while promoting modern development best practices*

- Designed and implemented an internal web application using **SAPUI5**, **Node.js**, **Express**, and **MongoDB**, replacing manual processes with a centralized platform. Reduced Product Owners' workload by automating the efficient fetching and formatting of data from XML and JSON files, streamlining the management of 1500+ third-party software and free open-source components.
- Developed REST APIs to facilitate seamless data retrieval and manipulation.
- Refactored the codebase of 2 web applications following the MVC (Model-View-Controller) pattern and clean code principles, enhancing maintainability, long-term scalability, and developers' productivity
- Increased code coverage by 40% by writing unit tests on 2 tools using **Jest** and **JUnit**
- Created comprehensive documentation covering setup and configuration instructions, as well as 3 user guides for seamless navigation and optimal utilization of web applications.

**SAP** - Palo Alto, CA, USA

Jun 2023 - Sep 2023

### Cloud Software Testing and Automation Intern

*I have been part of the SAP Cloud Identity Access Governance team to ensure the reliability, quality, and performance of the cloud software applications*

- Collaborated with software development teams to identify and create test cases for new features, with a focus on performance testing
- Developed and maintained automated test scripts and tools for functional and performance testing
- Analyzed test results, collaborated with development teams to troubleshoot performance issues, and identified areas for improvement
- Researched, evaluated, and recommended performance testing tools and end-to-end testing methodologies to enhance the effectiveness and efficiency of testing and automation processes

## Education

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**CY Tech (CY Cergy Paris Université)** – Cergy, France

Master of Engineering – Computer Science – Embedded Computing

Sep 2022 - Sep 2024