👤 CAREER PROFILE

Expert/staff Software Engineer with 15 years of experience in developing innovative software solutions for enterprise applications at SAP France. I have a proven record of success across major cloud projects (SAP BTP Platform) including SAP Ariba Central Invoice Management, SAP Ariba Procurement Planning, and SAP Fiori. Proficient in technologies like CloudFoundry, SAP UI5, JavaScript, and Node.js.

💼 EXPERIENCES

Expert/staff Software Engineer
SAP France, Paris
2019 - Present

Led development efforts in cloud, multi-tiered, and microservice architecture projects on the SAP BTP cloud platform.

- Technical planning, proof of concepts, technical backlog implementation, and sizing.
- Develop and hands on sap cloud solutions: SAP Ariba Central Invoice Management (CIM) and SAP Ariba Procurement Planning (PP).
- Collaboration and coordination in a multicultural environment with cross-functional teams spanning various disciplines, including development, design, testing, and product management in AGILE environment.
- Co-innovated SAP Ariba Procurement Planning (PP) with Volkswagen: co-innovation project including 3 internals scrum teams.
- SAP Ariba Central Invoice Management (CIM): more than 140 developer, product managers, UX, QAs.
- Conducted pair programming sessions and performed code reviews.
- Implemented DevOps practices using CICD, Deploy With Confidence DWC, pipelines, Dynatrace and Kibana.
- Technologies Used: SAP Cloud (BTP), SAP CAP CDS (Cloud Programming Model), SAP HANA, SAP Fiori, SAP S/4HANA, SAP Ariba Central Invoice Management, SAP Ariba Procurement Planning, SAP Master Data, SAP MDI, SAP MDCS, SAP MDO, SAP DWC, SAP Personal Data Integration (RGPD/PDM), Node.js, JavaScript, SAP UI5, CI/CD, DWC, Mocha, Gulp, Grunt, Git (enterprise), GitHub Copilot, Jenkins.

Senior Software Engineer
SAP France, Paris
2013 - 2019

Developed SAP Fiori internally.

- Worked on SAP BUILD.me, a low-code development solution.
- Mentored teams on SAPUI5 and Fiori development.
- Engaged in task-force missions, providing support and guidance including trips to foreign locations.
- Applied Design Thinking principles to product development.
- Practiced Agile methodologies, Scrum, collaborating with multiple teams.
- Participated in all stages of the software development lifecycle, from requirements analysis to design, implementation, testing, and deployment.
- Main technologies: Javascript, Node, Angular, SAP UI5, mongo, gulp, git.

Software Engineer
SAP labs, Paris
2010 - 2012

Developed Business Planning and Consolidation 10 (BPC10) software for Enterprise Performance Management (EPM).

Junior Software Engineer
SAP labs, Paris
2009 - 2010

Built a non-regression test suite for the SAP Solution Manager product.

- Using technologies including ABAP, Web Dynpro, ABAP Workbench, SAP Solution Manager, and XML.

🎓 CERTIFICATIONS

SAP Certified - Integration Developer
SAP
2024
Credly

Fundamental and core knowledge required of the SAP Integration Developer profile.

Manage Data Science Projects (RS1527)
Ecole Polytechnique Executive Education
2019 - 2020
smartcertificate

- Artificial Intelligence, Data Science, Machine Learning (RS 1527).
- Data Science Starter Program.
- created a model for Permanent magnet motors temperature prediction.
- 1 year program with more than 140 hours.

SAP Development Expert Curriculum
SAP
2017 - 2018

The curriculum is a blended SAP learning program for Development Experts:

Houssem YOUSSEF
SAP Development Expert

✉ youssef.houssem@gmail.com

📞 +33(0) 6 33192445

🌐 Français

🕐 GMT+1

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📄 Resume PDF

EDUCATION

MSc in Computer Science
Université Nice Sophia Antipolis
2008-2009

Engineer's Degree in Computer Sciences
ENSI
2005-2008

BSc in Applied Mathematics and Physics
IPEIN
2003 - 2005

LANGUAGES

English (fluent)

French (fluent)

Arabic (native)

INTERESTS

gardening

trekking

- Software Engineering
- Development Processes
- Architecture Basics
- Trends in Enterprise Software and SAP Technologies
- Influencing without Authority

📇 PROJECTS

Main SAP Projects contributions.

SAP Ariba Central Invoice Management - SAP Ariba Central Invoice Management on SAP BTP provides a unified solution for receiving and managing supplier invoices, with connection to different backend systems.

SAP Ariba Procurement Planning - SAP Ariba Procurement Planning is a cloud-based solution that was designed to help you plan your procurement activities with regard to the time schedule, as well as the investment planning of items based on a central bill of material. This product enables you to plan the sourcing of items from an early stage to ensure timely procurement before the manufacturing process starts.

SAP Fiori - Participated to the launch of SAP Fiori. The initial release of Fiori included 25 apps for various business functions, such as workflow approvals, information lookups, and self-service tasks.

SAP BUILD.me - Low-code templating tool for SAP Fiori apps. It allows users to create Fiori apps by dragging and dropping UI elements onto a canvas.

🔧 SKILLS & PROFICIENCY

Software Development, Architecture, SAP Development, SAP BTP Cloud, DevOps

Agile, Scrum, Design Thinking, International Project Management, Pair Programming, Code Review

JavaScript, Node.js, SAP UI5, CI/CD, Jenkins, Mocha, Groovy, Gulp, Git, GitHub, GitHub Copilot, Dynatrace, Kibana

SAP Cloud (BTP), SAP CAP CDS (Cloud Programming Model), SAP HANA, SAP Fiori, SAP S/4HANA, SAP Ariba Central Invoice Management, SAP Ariba Procurement Planning, SAP Master Data, SAP MDI, SAP MDCS, SAP MDO, SAP DWC, SAP Personal Data Integration (RGPD/PDM)