

## CAREER PROFILE

Expert Software Engineer / Architect with 15 years of experience in developing innovative software solutions for enterprise-level applications at SAP France. Proven track record in projects such as SAP BTP Platform, 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 Software Engineer

2019 - Present

SAP France, Paris

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

- Managed technical planning, proof of concepts, technical backlog implementation, and sizing.
- Developed cloud procurement 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: 3 scrum teams.
- SAP Ariba Central Invoice Management (CIM): 8 scrum teams.
- Conducted pair programming sessions and performed code reviews.
- Implemented DevOps practices using SAP cloud ALM, CICD, 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, GitHub Copilot, Jenkins.

### Senior Software Engineer

2013 - 2019

SAP France, Paris

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

2010 - 2012

SAP labs, Paris

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

### Junior Software Engineer

2009 - 2010

SAP labs, Paris

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

### Manage Data Science Projects (RS1527)

2019 - 2020

Ecole Polytechnique Executive Education

smartcertificate

Manage Data Science Projects (RS1527).

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

### SAP Development Expert Curriculum

2017 - 2018

SAP

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

- Software Engineering
- Development Processes
- Architecture Basics
- Trends in Enterprise Software and SAP Technologies



## Housseem YOUSSEF

SAP Development  
Expert/Architect

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## 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

- 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

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

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 MDQ, SAP DWC, SAP Personal Data Integration (RGPD/PDM)