

# Song Yihan

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10 years programming experience on enterprise solutions. Focus on designing and developing reliable and robust business architecture and framework. Demonstrate enthusiastic and passion on technology and programming skills. Self-discipline and hardworking, excellent troubleshooting capability. Proved a fast learner and talent team player.

## Experience

2014.1– **Architect SAP Labs China**

- Present* • SAP Leonardo Global Track & Trace, an innovative solution aims to provide real-time visibility and high volume event processing for traceability on top of SAP cloud platform.  
Responsible for the architecture of the core engine component, including data ingestion and data exposure based on fully customized and flexible data modeling on top of big data stack with scale out capability, involved in project management, testing and landscape integration.
- SAP Transportation Resource Planning, a solution to provide high efficiency transportation resource optimization, forecast and analysis visibility solution by leveraging SAP HANA in-memory calculation capability.  
Response for designing the architect of the whole backend system, experienced on architecture evolution from PoC to a real product, providing RESTful framework for accelerating agile web development.

2010.8– **Developer SAP Labs China**

- 2013.12 • SAP Business One Analytic, a hybrid analytic solution to leverage both SAP HANA in-memory calculation advantage and traditional transaction processing together.  
Response for designing a database replication and migration tool to do synchronization between Microsoft SQL Server and SAP HANA.

2008.7– **Developer Augmentum, Inc.**

- 2010.7 • Developing a JMS assess management system for a leading casino gaming organization.  
Response for gaming business process implementation. Experienced on continuous integration, database performance tuning and customer on-site support.

## Skills

- Proficient in Object & Orient Design, Functional Programming and Database Modeling
- Familiar with Java, JavaScript, Python, Ruby, Scala, SQL, etc.
- Experience in Big Data stack, skilled on Spark, Kafka, Cassandra, ElasticSearch, CloudFoundry, AWS, etc.
- Skills on Shell scripting, Linux, Continuous Integration, git, Maven, Markdown, etc.
- Domain knowledge on SAP ERP, EM, TM, etc.

## Education

2004.9– **Southeast University**, Nanjing

2008.6 Bachelor's Degree, Software Engineering

## Language

- **English:** CET-6, Full professional proficiency