

Curriculum Vitae

Song Yihan

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10 years programming experience on enterprise solution. Focus on developing reliable and robust business architecture and framework. Demonstrate enthusiastic and passion on technology and programming skills, self-discipline and hard-working, 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, data ingestion and exposure based on fully customize and flexible data model on top of big data stack with scale out capability.
 - SAP Transportation Resource Planning, a solution to provide high efficiency and optimized transportation resource optimization and forecast solution by leveraging SAP HANA in-memory capability.
Response for designing the architect of the whole backend system, experienced on architecture evolution from PoC to a real product, build own REST framework for agile web development.

2010.8– **Developer** *SAP Labs China*

- 2013.12
- SAP Business One Analytic, a hybrid analytic solution to fully leverage SAP HANA in-memory calculation advantage tailed for SAP Business One scenario.
Response for designing a replication server and database migration tool to mitigate data between Microsoft SQL Server and SAP HANA.

2008.7– **Developer** *Augmentum, Inc.*

- 2010.7
- Developing a JMS messaging middle-ware based assess management system for a leading casino gaming organization. Supporting hundreds of concurrent users with high customized features and interfaces.
Response for casino gaming business process implementation. Experienced on continuous integration, database performance tuning and customer on-site support.

Technical 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 in Spark, Kafka, Cassandra, ElasticSearch, CloudFoundry, AWS, etc.
- Domain knowledge on SAP ERP, EM, TM, etc.

Education

2004– **Southeast University**, Nanjing
2008 Bachelor's Degree, Software Engineering

Language

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