

Hantsy Bai

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Current location: Guangzhou , China(GMT+8)

Bai has over 18 years software engineering experience, including 10 years freelancing and consulting experience. He has significant experience in building large-scale distributed systems, design and implementation of RESTful application architecture, migrating monolithic applications to Microservice architecture, pragmatic agile programming coach etc.

He is also a blogger, twitter, and open source contributor. In 2012, he was invited by Redhat to attend 2012 JBoss User and Developer Conference in Boston and received the 2012 JBoss Community Recognition Awards.

Community activity:

1. Contributor of JBoss Arquillian
2. Winner of 2012 JBoss Community Recognition Awards (Category:Wiki)
3. Chinese translator of book: [Spring Live\(the famous Spring book from Matt Raible\)](#)
4. Chinese co-translator of book: [The NG2 BOOK\(the famous Angular 2 book\)](#)
5. Co-reviewer of book: [Arquillian Testing Guide\(Packt publishing\)](#)
6. Co-reviewer of video course: JBoss EAP Configuration, Deployment, and Administration(Packt publishing)
7. Author of [Click4NB\(a NetBeans plugin for Apache Click framework\)](#)

Expertise:

* Hands-on experience of the mainstream software architecture patterns, including REST, CQRS, Event-Driven Architecture(AMQP, Rabbit MQ, Apache ActiveMQ/Artemis, Apache Kafka), Enterprise Integration Pattern(EIP)(Apache Camel, Spring Integration), Microservices, etc.

* Plenty of agile development practice, and familiarity with Github Flow (branch for new issues, pull request, code review, etc.) to deliver software faster and more reliable. Good knowledge of the most popular CI/CD service, e.g. Circle CI, Github actions, Travis, Shipable, etc.

* Good command of cloud-native application development, and skilled in Docker, K8s to containerize applications.

* Experience in modernizing legacy applications and migrating to the newest tech stack.

* Great knowledge of problem-resolving and growing team.

Skills:

- * Java 8+(Optional, Stream, Future, etc), Kotlin, basic knowledge of Scala
- * JUnit 5, Mockito, TestContainers, RestAssured, WireMock, JsonPath, Html Unit/WebDriver etc.
- * Java EE/Jakarta EE specifications(EJB, JPA, CDI, JSF, JaxRS, Arquillian testing with Glassfish/Payara, WildFly/JBossEAP, OpenLiberty, etc.), Microprofile, Quarkus, Helidon, Vertx
- * Spring Stack(WebMVC, WebFlux, Session, Data, Security, Integration, AMQP, Batch, etc.), Spring Boot, Spring Cloud, Spring Boot Test.
- * Popular RDBMS(H2, MySQL, Postgres, MSSQL, Oracle, etc) and NoSQLs(Mongo, Redis, Neo4j, Cassandra, Couchbase, Elasticsearch etc).
- * Reactive Streams, and Reactive Programming(Rxjava, Reactor)
- * Design and implement RESTful APIs archived Richardson Mature Model (Level 2 or Level 3)
- * PHP (Doctrine, Symfony, PHPUnit, etc)
- * NodeJS (NPM/Yarn, Typescript, Angular, NestJS, Jest, etc)

Personal Website: <https://hantsy.github.io>

Blog: <https://hantsy.medium.com/>

GitHub: <https://github.com/hantsy>

Honors and Awards

2012 JBoss Community Recognition Awards

JBoss division by Redhat

June 2012, Boston



Work Experience

2009- Self-employed freelancer

2001-2009 Several companies in China

Projects

Next Generation of Payment Platform/U.S./Principle Developer

This platform aims to provide a set of universal RESTful APIs of payment processing.

1. An advanced abstraction layer to implement a super collection of RFC3867
2. Pluginable architecture for the third-party payment instrument providers
3. Universal RESTful APIs(achieved Richardson Mature Level 3) for the end developers
4. Dashboard UI for end users and merchants

My responsibility in this project is providing technology support, not limited to writing small MVP applications to demonstrate required technologies according to the business requirements, eg. building the process of the initial reconciliation prototype etc. And also handle over some engineering work, such as assisting team members to resolve the technical problems and clear the technology barriers in the development stage, doing code review on

Github pull request from others, maintaining the CI/CD pipeline etc.

Technology stack: Java 8(Stream, Lambda, Function), Spring stack(Boot, Cloud, Data, Integration, Batch, AMQP , HATEOAS, Security etc), PostgreSQL, CircleCI/Docker/AWS, etc

Bifincan.com E-Commerce website/Turkey/Technical Consultant

June 2011 to Aug 2013

An e-commerce website, including shopping cart, intelligent survey and recommendation engine etc.

I worked as technical consultant for this project, and was responsible of high level architecture design, infrastructure setup, security design and implementation, performance tuning, problem resolving, and I also provided code guide for other team members, code review, and candidate interview etc.

Technology stack: JSF2, Prettyfaces, Primefaces(only for backend admin app), Spring 3.1, Spring Security 3, JPA (Hibernate4 , Spring Data JPA), MySQL

Oceanstar/Greece/Core Developer and Lead Developer

Sept 2010 to June 2012

Oceanstar is an integrated administration and management system for a vessel managing company.

In the first version, I was a team member of this project, and responsible for development of some modules. It used Java EE5/Seam 2.2 as framework and adopted JBoss full stack technologies, including JBoss AS 4.2, Java EE5/Seam2.2, EJB 3, JSF 1.2/Richfaces 3.3, MySQL.

In the second version, the application was refactoried and migrated to Java EE 6. I worked as Lead Developer and completed the most work of migration to Java EE 6 platform, and I am also responsible of implementing new features, such as Requisition and Quotation, Purchase Order, Logistics and Forwarding etc.

Technology stack: JBoss AS 7, Java EE 6/Seam 3.1, JSF 2, Richfaces 4, EJB 3.1, CDI, JMS, MySQL.

Note: Here I only listed some large freelancing projects done in these years.

Feedback On Projects

★★★★★ 5.00

There aren't many people on Upwork who are as good as Hantsy. Dedicated, knowledgeable and communicative. Overall great experience working together. I hope to work with Hantsy again soon.

★★★★★ Hantsy is the real deal. A true JEE Spring/Hibernate expert. Thank you Hantsy for tweaking our project setup and making it better!

★★★★★ Hantsy is one of the most knowledgeable enterprise Java experts I have ever had a chance to work with. Whatever the problem is, he is sure to find a best-fit solution to engineer over it, and is pretty quick with that, too. I wish I had known him much earlier.

The complete LinkedIn profile: <http://www.linkedin.com/in/hantsy>