Resume Thomas Weitzel

Theodor-Heuss-Str. 21
63225 Langen (Germany)
tweitzel@gmail.com
+49-178-1696142

Education

- Physics (2 years), Johann Wolfgang Goethe-Universität Frankfurt a. Main
- Computer Science (6 years), Technische Universität Darmstadt

Projects (sample)

Customer	Role	Description
AXA	developer	Implementation and test of a configurable JAAS-based authentication and authorization module for DOPiX and for the connection to AXA's own authentication and authorization systems. Helped customer to integrate their systems and thereby using resources more efficiently.
Bouncy Bytes	project lead	Conception, development and maintenance of a Java EE based content management system as standard product for industrial customers. Enabled their customers to quickly bring content to the web in a safe, customizable, and maintainable way.
DEVK	developer	Implementation of a Spring Batch based document export and processing system. Development of a solution for performance-optimizing control of a distributed environment. Connections to Oracle and DB2 databases and DOPiX. Use of existing CI infrastructure (Jenkins). Enabled the customer to completely process all documents before the next working day.
GEI/T-Systems	developer	Conception, development, and documentation of a test software for programmable logic controllers. Reduced relevant bug reports from their customers to nearly none.
Honda Bank	developer	Development of a central database for reporting: approx. 90 import and export interfaces of various data formats. Data exchange with Temenos Core Banking System directly and via integration with Frametexx. Import and processing of ZEDA data (EBCDIC) from host systems. CI with Hudson, later Jenkins. Gave customer the feedback (dashboards and details) needed to improve their offerings.
Honda Motor	developer	Development and maintenance of an online software system for sales assistance, backend development with Java, web client in JavaScript, application server WebSphere, SAP connection, and database connection to DB2. Automated import/export interfaces with ETL tool Talend. Improved communication between Honda and their dealerships which led to more car sales.
HSH Nordbank	developer	Development of import and export interfaces for contract data into Oracle databases for connection to external programs, especially risk management systems. Solutions with Java and PL/SQL. Enabled customer to perform the legally required reporting and gain more insights into the risks.
Ippen Digital	developer	Pre-processing and processing of log data in real time. Consolidation, analysis, and supply of a recommendation system based on previous user behavior (Hadoop, Kafka with Scala and Akka). Enabled customer to increase conversion rate.

Customer	Role	Description
KVB-Mitglieder	project lead	Implementation of an optimization software for the planning of the emergency medical service (with a constraint solver). Use of an application server and the programming language Kotlin. Dramatically reduced time spent coordinating shift swapping.
Talos	developer	Creation of an online portal for temporary work placement and associated processes. Use of a distributed architecture based on micro services, Node.js, Nats, and MongoDB. Helped customer to quickly react to changes required by their customers.
DoD	developer	Conception, realization and test of an automatic load-planning and verification system for cargo aircraft considering operational and legal requirements for use on-site. Enabled customer to reduce turnaround time of aircraft.

Industries

- Finance
- Health Care
- Automotive
- Military
- Government

Skills

- General problem solving skills
- Java Virtual Machine: Java, Kotlin (expert), Scala (proficient)
- Other programming languages: Go (expert), Typescript, JavaScript/Node.js (proficient)
- Database: Microsoft SQL Server, MySQL, PostgreSQL, DB2, Oracle, MongoDB
- Messaging: RabbitMQ, Nats, Kafka
- Development infrastructure
  - Jetbrains IDEs (IDEA, GoLand, CLion, etc.), Eclipse, VSCode
  - CI with Jenkins or GitLab
  - Build tools Maven, Ant, Gradle, Make
  - JIRA/Con uence, GitLab, YouTrack
  - Git, Subversion
  - Others: VPN, Docker
- Application server: Tomcat, JBoss
- Front end: some Vue, Angular, and Polymer
- Operating system: Linux, Android, Windows
- Project management methodology
  - Agile, Scrum
  - Kanban
  - Waterfall
- Spoken languages
  - German (mother tongue)
  - English