Harmen Weber

Designer, developer and operator of enterprise applications in the cloud that provide a modern API and integrate other enterprise applications via web services and messaging.

Core competency in backend development (PoEAA) and integration (EIP) using the Java ecosystem, messaging and relational databases. Basic experience in frontend development with Typescript/Javascript.

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Work Experience

Jul 2013 – Mar 2022

Senior Software Engineer at Arviem AG

Designed, developed and operated Arviem's supply chain monitoring system. It's a SaaS that provides multimodal in-transit supply chain visibility to Arviem's clients. It processes data from various sources and distills actionable insights. These insights help clients in their daily operations and empower them to optimize their supply chain.

Example features:

- Realtime monitoring of sensor values and events of in-transit shipments.
  Example sensor values: position, temperature, humidity.
  Example events: door opened/closed, geo zone entry/exit, motion/stationary, shock.

- ETA calculation.

- Emissions accounting according to the GLEC framework.

- Performance report to assess and monitor the performance of routes, carriers, transshipment locations, etc.

Tech stack: Java, Javascript, Maven, Spring Boot, Spring Integration, Spring Batch, Hibernate, RabbitMQ, Apache Spark, MySQL, AWS Aurora, AWS Elastic Beanstalk, AWS Athena, Tableau.

Feb 2012 – Jun 2013

Software Developer at Legando AG

Developed the Legando Enterprise Solution Suite (LESS) which is Legando's internal framework for next generation application powered by Java, Spring, Hibernate and Vaadin.
Developed Legando's registered shares solution (NAR) powered by LESS.
Maintained Legando's core banking solution.

Tech stack: Java, Javascript, Maven, Spring Framework, Spring Integration, Hibernate, Vaadin, Oracle Database, Oracle WebLogic.

Jan 2006 – Jan 2012 **Advisory IT Specialist at IBM Schweiz AG**
Worked on the following projects / for the following clients:

Legando AG

Supported Legando AG in Quality Assurance.
Introduced processes and tools to measure and improve code quality.
Developed automated acceptance and regression tests.

ZEK/IKO

Maintained and extended the existing ZEK/IKO credit information and assessment system.

Tech stack: Java, Maven, IBM WebSphere, IBM MQ Series, IBM DB2, SOAP & WS-Security.

Vista

Gathered requirements for the social insurance system Vista. First for the sub application regarding family allowances and later for the sub application regarding contributions.
Created detailed and development ready documentation for the offshore development team in India.
Conducted knowledge transfer sessions with the offshore development team.
Coached the development team and performed acceptance tests.

Academic Record

Oct 2002 – Dec 2005 **University of Applied Sciences and Arts Northwestern Switzerland FHNW**
Bachelor, Enterprise Computing

IT Skills

Core Design, development and operations of enterprise applications (PoEAA) and integrations (EIP) in the cloud using the Java ecosystem, messaging and relational databases.

Basic Back-end development with NestJS.
Front-end development with Typescript/Javascript.

Language Skills

Mother Tongue German

Fluent English