

Curriculum Vitae



Jutta Eckstein

More than fifteen years experience in coaching, consulting, training, and development. Main focus on agile processes, patterns, advanced object-oriented design and implementation.

Contact Information

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Competence

- Process coaching
 - Introduction and establishment of an agile software development process (XP, Scrum, Lean Software Development, Crystal Methodologies, FDD, ...)
 - Review and improvement of an existing software development process
- Project management:
 - Project monitoring and kick-off
 - Customer relationship
 - Team coaching: Improve the communication structure in your team
 - Risk management
- Quality assurance:
 - Process review with the focus on better delivery, collaboration, communication and teamwork
 - Assessing the established software development
 - Improving the code and design by using patterns, refactoring, reviews, heuristics and metrics
 - Testing strategy for all development stages: module (unit), system (integration) and acceptance (functional)
- Retrospectives:
 - Improve your development process during project development
 - Reflect on your last project and learn from it

Career Summary

- 10/1998 – present
independent coach, consultant, and trainer in the area of agile processes and object-oriented application development
 - coach for strategically establishing agile processes within an organization focused on multimedia development, spread over several sites in Germany
 - process coach for creating and establishing an agile process both for (embedded) software and hardware development for an enterprise in mechanical engineering where sites in China, Singapore, Switzerland, and USA were involved
 - process coach for creating and establishing an agile process with the focus on Scrum and extreme programming for an embedded telecommunication development project spread over Austria, Czech Republic, Hungary, Germany, and the United Kingdom
 - project coach with the focus on agile development for an embedded traffic control project spread over Austria, Czech Republic, Germany, and Hungary
 - facilitation of many retrospectives for improving the established software development process for different companies all over Europe
 - coach for creating and establishing an iterative and incremental process as an enterprise wide process in a German bank software shop
 - project coach with the focus on setting up an agile process for a large J2EE project in an insurance consulting company in Germany
 - team and project management coach with the focus on defining and establishing an agile process and on quality assurance for a document management system at a German automobile company
 - development process and customer relationship coach with the additional focus on quality assurance in an international Extreme Programming team at a German life insurance company
 - development agile process coach with an additional focus on team communication for a large mission-critical J2EE project at a German bank software shop
 - development of a Capacity- and Availability Management-System with an international team for a Swiss bank
 - design and realization of different training courses in Germany, Spain and UK; topics: Extreme Programming, Advanced Design, Programming Languages (Java, Smalltalk), OOAD (UML, UP, RUP), CORBA

- 07/1997 - 09/1998
employed by Integral Development GmbH in Munich, Germany as a senior consultant and trainer
 - development of a Risk-Management-System with an international team for exotic financial instruments (derivatives) for a German bank; method used: UML (Booch / Rumbaugh / Jacobsen); development environment: Rational Rose, Finance-Framework UFS (Universal Finance Server), VisualWorks Smalltalk, SQL Server
 - design and realization of the following training courses in Germany, UK and USA:
 - Smalltalk in connection with the Universal-Finance-Server UFS
 - object-oriented analysis and design with OBA (Object Behavior Analysis) and RDD (Responsibility Driven Design) by using UML

- 01/1995 - 06/1997
employed by ParcPlace Systems GmbH (now Valtech) in Munich, Germany as a consultant and trainer
 - support in the design and implementation of a Warehouse Information System for a German automobile supplier; method used: OBA (Object Behavior Analysis); development environment: VisualWorks
 - coaching for the implementation of a Project Planning and Controlling System for a German automobile manufacturer; development environment: VisualSmalltalk
 - Different consulting support in the automobile- and finance industry.
 - *"Firefighting Support"* in design as well as in implementation
 - design and realization of the following training courses in Austria, Germany, Hungary, Switzerland, Slovenia, UK, and USA:
 - object-oriented concepts
 - Smalltalk for engineers, from basics to advanced
 - Smalltalk applications in the internet

- 05 - 12/1994
employed by BCI - Bank Consulting International GmbH in Munich, Germany as a system architect
 - design and implementation of a Risk-Management-System for German bank as a client/server solution; method used: OMT (Rumbaugh); development environment: Paradigm Plus, DialogBuilder (Graphical User Interface Builder), C++, Oracle, AIX
 - system analysis and implementation of an information system for German leasing companies; method used: OOA/D (Booch); development environment: Enfin-Smalltalk, Windows

- 05/1992 - 04/1994
employed by IN GmbH in Konstanz, Germany in the areas of training, engineering and consulting
 - development of a Hypertext System for a German computer manufacturer; development environment: TeleUSE (Graphical User Interface Builder), OSF/Motif, C++, AIX

- design and implementation of a Support Tracking System; method used: OOA/OOD (Coad/Yourdan); development environment: ODBMS O₂, SunOS
- design and implementation of a Simulation System for a Swiss power plant; method used: OOA/OOD (Coad/Yourdan); development environment: TeleUSE (Graphical User Interface Builder), ODBMS O₂, HP-UX
- design and realization of the following training courses:
 - C++
 - object-oriented databases
 - X-Windows Systems and OSF/Motif programming
- 02 - 07/1991
during the study practical experience while working for Hanhart Comtech GmbH & Co. KG in VS-Schwenningen, Germany
 - system analysis (SA/SD) in the field of inhouse communication
 - developing of manuals for inhouse communication systems
- 02 - 09/1990
practical term at Metatech GmbH in St. Georgen, Germany
 - design and realization of a Management-Information-System as a client/server-solution for a computer manufacturer; development environment: Grit (Graphical User Interface Builder), C++, RDBMS Ingres, DOS
 - pilote installation and onsite customer support in London, UK and Vienna, Austria

Customers (excerpt)

- AutoScout24, Munich, Germany
- BMW, Munich, Germany
- Bull, Frankfurt, Germany
- Cegeka (former Adartis), Leuven, Belgium
- DaimlerChrysler, Stuttgart, Germany
- David, Braunschweig, Germany
- Deutsche Bank, Frankfurt, Germany
- Dräger Medical, Lübeck, Germany
- Driebit, Amsterdam, Netherlands
- DVAG, Frankfurt, Germany
- Elektrobit, Braunschweig and Erlangen, Germany
- ESI (European Software Institute), Bilbao, Spain
- Finalist, Rotterdam, Netherlands
- FinanzIT (former DVG), Hannover, Germany
- Fraunhoferinstitut ITWM, Kaiserslautern, Germany
- HypoVereinsbank, Munich, Germany
- IBM, Böblingen, Germany
- ICW Heidelberg, Germany
- ILOG Paris, France
- Integris, Frankfurt, Germany
- Kulicke & Soffa Fort Washington PA (USA), Singapore, Suzhou (China) and Berg (Switzerland)
- Loyalty Partner, Munich, Germany
- LV 1871, Munich, Germany
- Marconi, Frankfurt, Germany
- Mirabeau, Amsterdam, Netherlands
- Nokia, Espoo, Finland
- Oracle, Munich, Germany
- Siemens, Munich, Germany and Vienna, Austria
- Siemens Medical, Erlangen, Germany
- SIGS-Datacom, Troisdorf, Germany
- Software Imaging, Oxford, UK
- Sybit, Radolfzell, Germany
- Tandberg, Oslo, Norway
- T-Systems, MMS, Dresden and Berlin, Germany
- UBS Zürich, Schweiz
- Valtech, Düsseldorf, Germany and London, UK
- Xing, Hamburg, Germany
- Zend, Stuttgart, Germany
- ZF, Friedrichshafen, Germany

Publications and other Engagements

- Books:
 - “Agile Software Development with Distributed Teams: Staying Agile in a Global World”, Dorset House, New York, 2010.
 - “Agile Softwareentwicklung mit verteilten Teams”, dpunkt.verlag, Heidelberg, 2009.
 - “Agile Software Development in the Large – Diving into the Deep”, Dorset House, New York, 2004.
 - “Agile Softwareentwicklung im Großen – Ein Eintauchen in die Untiefen erfolgreicher Projekte”, dpunkt.verlag, Heidelberg, 2004.
 - More books, see <http://jeckstein.com/publications/books.html>
- Articles, talks, see <http://jeckstein.com/publications>
- Member of diverse program committees, see <http://jeckstein.com/conferences/>
- Member of the Agile Alliance Non Profit Organization. The organization, which supports agile development.
- Member of the IEEE Workgroup 1648, which defines recommendation practices for Establishing and Managing Software Development Efforts Using Agile Methods
- Certified Scrum Master

Education

- Product-Engineer (1988 – 1992)
 - university in Furtwangen, Germany
 - diploma as an engineer (1992)
 - diploma thesis:
development of a user interface for visualizing 2D-vektographic for a CAE-system; method used: OMT (Rumbaugh); development environment: InterViews (C++ Library), C++, SunOS
- bachelor of education (1983 – 1987)
 - pedagogical university in Kirchheim/Teck, Germany
 - diploma of teaching (1987)