



## Magnus Axelqvist

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## Passionate about agile software development and Continuous Delivery

### About Me

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I have worked in software development since '93 as a developer, architect, and Scrum Master. I have experience across various industries such as Finance, Charter, Telecom, Media, and Retail.

Throughout my career I have seen different software development processes and project steering models come and go. The models and processes aim to help the teams deliver business value on time with acceptable quality. I have found that development processes based on agile principles and fast feedback loops tend to be the most successful ones.

In recent years, I have become passionate about supporting the most important task for an agile team, fulfilling or exceeding the customer expectations via early and *continuous delivery* of working and valuable software. This mindset, also known as Continuous Delivery (CD), helps the team deliver faster, shortens feedback loops and bridges the gap between development and operations (DevOps). By combining CD with practices such as test-driven development (ATDD/TDD), the team is in a very good position to fulfill their task. In addition, the team is well-prepared to scale up to collaborate with other teams, such as adopting to SAFe.

## Assignments

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### Nordea AB, 2015-2018, Senior Test Manager, Developer, Scrum Master

I was initially hired to improve one team's test automation process, but ended up improving the development value stream as a whole. By introducing Continuous Delivery for faster flow and feedback, Specification By Example for shared understanding and DevOps to achieve a true cross-functional team, we were able to cut our release cycle from one month to "release on demand".

At the end of my assignment, I worked as a Scrum Master, where we adapted our way of working to better align with the upcoming SAFe transformation initiative.

**Technologies:** Jenkins, Maven, Weblogic, SQL Server, Flyway, Cucumber, Swagger, WebDriver, Java, Git, Spring Framework, SonarQube, Jira, IntelliJ, AsciiDoctor, Nexus, Concretio, Bitbucket

**Methods:** Scrum, Kanban, Specification By Example, Continuous Delivery, Acceptance Test-driven Development (ATDD), Test-driven Development (TDD)

### Tele2 AB, 2012-2015, Developer

Over the course of this assignment, I worked in three different teams, developing the back-end of a web-based system for receiving and processing incoming orders for mobile subscriptions. I also introduced build pipelines (both on TeamCity and Jenkins) in order to automate steps such as:

- Building the system (using Maven)
- Executing database migrations (using in-house tool)
- Deploying to test and production environments (using TeamCity client, pure ssh, and in one case, Ansible)
- Executing web application tests (using WebDriver)
- Executing web service tests (using SoapUI)

These pipelines became a crucial part to all teams involved in their effort to deliver in a fast and secure manner.

**Technologies:** JBoss, Tomcat, Ansible, TeamCity, Jenkins, Spring Framework, Java, REST, SOAP, Maven, AngularJS, Flyway, SoapUI, FreeMarker, Jira, IntelliJ, Oracle 10g

**Methods:** Kanban, CD, TDD

### Paxport AB, 2012, Developer, Scrum Master

Developed a web based application for sending out personalized newsletters to existing customers.

**Technologies:** Vaadin, PostgreSQL, Maven, Eclipse, Hudson, Java EE, Subversion, REST, Balsamiq, Trac, Fitnesse, Selenium, FreeMarker, Eclipse, CSS, HTML

**Methods:** Scrum, TDD, Continuous Integration (CI)

### Paxport AB, 2008-2011, Developer, Scrum Master

Part of a scrum team developing a Swing-based back office system and a web-based system for selling ancillary services to airline passengers. In addition to being a developer and Scrum Master, I participated in the discovery work of a Minimal Viable Product (MVP) with the product owner.

**Technologies:** Java Swing, JBoss, Java EE, PostgreSQL, Maven, Eclipse, Hudson, Subversion, Trac, Fitnesse, CSS, HTML

**Methods:** Scrum/Kanban, TDD, CI

### Visionael AB, 2007–2008, Developer, Scrum Master

Part of a Scrum team that developed a system for automatic provisioning of a VPN service in larger networks.

**Technologies:** Java EE, Glassfish, Oracle, Maven, Eclipse, Subversion

**Methods:** Scrum, TDD, CI

### Aftonbladet Nya Medier AB, 2007, Developer

Architect and developer of a web application that was used in a cancer campaign called "Mustaschkampen".

**Technologies:** JSP/Servlet, Hibernate, MySQL, HttpUnit, Maven, Eclipse, Resin

**Methods:** Agile Estimation & Planning, TDD

### Compound Systems AB, 2006–2007, Developer

Part of a scrum team that developed a web-based system that offered various extra services to airline travelers, such as seating and special meals.

**Technologies:** JBoss, EJB3, Jasper Reports, SQL Server, PostgreSQL, JPA, Eclipse, CVS

**Methods:** Scrum, TDD

### Trafik i Mälardalen (TiM), 2006, Developer

I was part of a small team that developed a Java-based system for updating price information, used by a web site.

**Technologies:** FreeMarker, Java, Subversion, Maven, Eclipse

**Methods:** Extreme Programming (XP)

### Extenda, 2004–2006, Architect, Developer

Developed a Java-based framework for application surveillance, where the API part was based on open standards, such as log4j and JMX. The client part was a Swing-based application.

**Technologies:** JBoss, JXM, JMS, JEE, Swing, MySQL, Perforce, Hibernate, JProfiler

**Methods:** Iterative and incremental development

### Logic, 2004, Architect, Developer

Developed an application for the mobile phone SonyEricsson P900. The application allowed people to exchange text messages via Bluetooth.

**Technologies:** Eclipse, MIDP, Bluetooth JSR82

**Methods:** Iterative and incremental development

## Education

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Master of Science, Computer Science, Uppsala Universitet, 1993

Other classes (selection of):

- SAFe 4 Certified Program Consultant, Yuval Yeret & Ofer Cohen
- Certified Product Owner, Jeff Patton
- Specification By Example, Gojko Adzic
- Test-Driven Development & Refactoring Technologies, Michael Feathers
- Test-Driven Development, Ron Jeffries & Chet Hendrickson
- Certified Scrum Master, Citerus

## Employment history

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2004 – Present	Crisp AB (partner)
2002 – 2004	Appmind Software AB
1998 – 2002	Twobyfour Software AB
1994 – 1998	Symsoft AB
1993 – 1994	Scandface AB