



## Magnus Axelqvist

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Passionate about agile software development and CD/DevOps

## Summary

Since 1993, Magnus has been active in software development and has served in roles such as developer, Scrum Master, and product owner over the years. He has accumulated valuable experience from a variety of industries, including finance, charter travel, telecommunications, media, and retail. Recently, Magnus has focused on supporting teams in their efforts to meet customer expectations by continuously and promptly delivering valuable software. A significant aspect of his work has involved the implementation of Continuous Delivery (CD), which has led to faster delivery times, improved feedback, and reduced the gap between development and operations. By effectively integrating CD with test-driven development (TDD/BDD), Magnus has driven his teams towards faster and quality-assured deliveries. Additionally, he contributes his expertise by teaching DevOps principles within the SAFe framework.



## Assignments

### Axelqvist Consulting AB, 2024, AI-driven Developer, DevOps Engineer

Magnus developed two services in Java and Python that automatically managed incoming tasks and matched them to the customer's area of expertise using AI. The services and infrastructure were deployed automatically using GitHub Actions. The infrastructure was specified using Pulumi and Terraform. The services were deployed both as Azure App Services and later in an Azure Kubernetes cluster. Development took place in Cursor with integrated AI support. The architecture was loosely coupled using Spring Events. The AI-based service utilized OpenAI's REST API and GPT-4 as the LLM.

**Technologies:** Java, Python, GitHub Actions, Pulumi, Terraform, Azure App Services, Azure Kubernetes Service, Cursor, Spring Boot, Spring Events, OpenAI REST API, Flask

**Methods:** Trunk-based development, AI-driven software development

### Giesecke-Devrient, 2022-2024, Scrum Master, Product owner, Developer, DevOps Trainer/Coach

Magnus began his journey as a developer at Gi+De/Mobile Security in a cross-functional team that was tasked with migrating an existing system from Docker Swarm to AKS. His role in the team evolved over time to include responsibilities as a Scrum Master and later as a Product Owner. During the latter half of his assignment, Magnus was part of a LACE team, where he contributed his DevOps expertise by conducting SAFe DevOps training, TDD workshops, and planning for measurable improvements within the teams.

**Technologies:** AKS, Docker, Java, Python, Git, Jira, IntelliJ, Nexus, Bitbucket, VS Code, GPT-4

**Methods:** SAFe, SAFe DevOps, Test-driven Development (TDD), Scrum

### Arbetsförmedlingen, 2019-2022, Scrum Master, Developer, DevOps Trainer/Coach

Magnus was initially hired as a Scrum Master for a team, where he primarily contributed his expertise in CI (Continuous Integration), CD (Continuous Delivery), and DevOps. Over time, his assignment evolved to also include assisting multiple teams and release trains with skills development in the DevOps area. He did this through education (SAFe DevOps), coaching, and workshops. Magnus was also part of a SAFe system team where he assisted the teams in improving their development processes through the implementation of pipelines, test automation, and GitOps.

**Technologies:** OpenShift, ArgoCD, Docker, Ansible, Gatling, WireMock, Jenkins, TestComplete, Oracle, Flyway, Cucumber, WebDriver, Java, Git, Spring Framework, SonarQube, Jira, IntelliJ, AsciiDoctor, Nexus, Bitbucket, Kibana, Elastic APM

**Methods:** SAFe DevOps, GitOps, Specification By Example, Continuous Delivery, Acceptance Test-driven Development (ATDD), Test-driven Development (TDD), Modern Agile, User Story Mapping, Impact Mapping, Scrum

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

Magnus improved test automation within a development team, which led to enhancements in the overall development value stream. By introducing continuous delivery to accelerate the flow and feedback, Specification by Example to create a shared understanding, and DevOps principles to achieve a truly cross-functional team, the team managed to reduce their release cycle from one month to being able to perform "release on demand". Towards the end of his assignment, Magnus worked as a Scrum Master, where he led the team's adaptation of working methods 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, Constretto, Bitbucket

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

## Tele2 AB, 2012-2015, Developer, CI/CD Practitioner

During his assignment, Magnus worked in three different teams where he contributed to the development of the backend for a web-based system designed to handle incoming orders for mobile subscriptions. He was also responsible for introducing release pipelines in both TeamCity and Jenkins to automate steps such as:

- Continuous integration (Maven)
- Database schema migrations (internal tool)
- Deployment to test and production environments (TeamCity and Ansible)
- Web application testing (WebDriver)
- Web services testing (SoapUI)

These actions led to a more efficient development value stream among the teams.

**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

Magnus developed a web-based application that sent 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

Magnus developed a Swing-based back-office system as well as a web-based front-end system for selling ancillary services to airline passengers. In addition to his roles as a developer and Scrum Master, he was also involved in the creation of a Minimal Viable Product (MVP) together 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

Magnus developed a system for automatic provisioning of a VPN service for a large network.

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

### Methods: Scrum, TDD, CIAftonbladet Nya Medier AB, 2007, Developer

Magnus was the architect and developer for a web application used in the first campaign against cancer, named "Mustaschkampen".

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

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

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

Magnus developed a web-based system that provided various ancillary services to air travelers, including seat selection and special meals.

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

**Methods:** Scrum, TDD

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

Magnus developed a Java-based system to update pricing information used for web-based ticket sales.

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

**Methods:** Extreme Programming (XP)

### Extenda, 2004–2006, Developer

Magnus developed a Java-based framework for application monitoring of a distributed system. The API part of the framework was based on open standards such as log4j and JMX, while 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, Developer

Magnus developed an application for the SonyEricsson P900 mobile phone that allowed users to exchange text messages via Bluetooth instead of SMS.

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

**Methods:** Iterativ och inkrementell utveckling



## Educations

MSc Computer Science, Uppsala Universitet, 1993

Selection of other educations:

- Generative AI for Developers
- Certified SAFe 6 Practice Consultant
- SAFe 6.0 Trainer Enablement
  - SAFe Product Owner
  - SAFe Scrum Master
  - SAFe DevOps
  - SAFe for Architects
  - Agile Software Engineering (5.0)
- Certified Product Owner, Jeff Patton
- Modern Agile, Joshua Kerievsky
- Specification By Example, Gojko Adzic
- Test-Driven Development & Refactoring Technologies, Michael Feathers
- Test-Driven Development, Ron Jeffries & Chet Hendrickson
- Certified Scrum Master, Citerus

## Employments

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