

CURRICULUM VITAE

Per
Lundholm

Agile Coder
and Coach



"15 min of TDD" at Swedish Enforcement.

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About me

The harder the problems, the louder they call.

You always need a truly senior developer like me in a team. Being senior not only means to write stable and maintainable code but also have an eye on how the team works. Is it a team or just a group of individuals? Therefore, apart for 40+ years of programming, I also have acquired skills such as facilitation and agile principles.

But let us not stop there, a team must also understand the “why” behind their work. With me in the team, product management have a speaking partner that understands their context.

Certified Product Owner, Certified Scrum Developer, Certified Scrum Master, Certified IT-Architect, Certified Java Programmer.

Professional developer since 1980.

Expertise

Full stack developer, including cloud technologies, leading agile teams, software architecture

Since 2007, I have typically worked as a team facilitator (Scrum Master) in combination with developer. Sometimes the former has been full time when I have had more than one team. At other times, the developer role has been the heaviest part.

I feel passionate about both team development and software craftsmanship.

Example assignments

- Implement mob programming or pair programming.
- Teach developers how to write tests and refactor legacy code.
- Lead developer or architect.
- Make a group of individuals become a team that continuously improves their way of working.
- Assess the state of the organization, through interviews.
- Introduction course to Agile and Scrum.

Miscellaneous

Awarded “Best programmers of Sweden, 2016” <https://techworld.idg.se/2.2524/1.670384/basta-utvecklare-2016>

YouTube: “TDD på svenska” <https://www.youtube.com/playlist?list=PLqoFX5ooBh55go9izEXd9D4x6jxKCq6ep>

Blogs: <https://blog.agical.se/authors/per-lundholm> <https://blog.crisp.se/author/perlundholm>

Education

Autodidact, plus some electronics engineering and psychology at university

Classes (a selection):

- **Agile at scale, inspired by Spotify** (Jimmy Janlén, Joakim Sundén)
- **Certified Scrum Master** (Jeff Sutherland)
- **Certified Product Owner** (Jeff Patton)
- **Certified Scrum Developer** (Chet Hendriksen, Ron Jeffries)
- **Advanced Agile** (Alistair Cockburn)
- **Accelerated Agile** (Dan North)
- **Coaching Agile Teams** (Lyssa Adkins)
- **The Agile Facilitator** (Lyssa Adkins, Leslie Stein)
- **Specification by Example** (Gojko Adzic)
- **Impact Mapping** (Gojko Adzic)
- **Training from the back of the room** (Sharon Bowman)
- **Clean Code** (Robert C Martin)
- **Psychology**, 30p (Stockholm University)

Technologies

Java, Elm, F#, C++, C, Prolog, LISP, Python, SQL, Oracle, PostgreSQL, MySQL, Spring Boot, OpenShift (Kubernetes), Google Cloud Storage, Docker, Amazon Web Services (AWS), Curity (OAuth), Git, Kafka, Mongodb, RabbitMQ, Jenkins CI/CD, GO CI/CD, Wicket, Linux, MacOS, Windows

Spoken languages: Swedish, English.
Familiar with: German, Spanish

Employments

2022 - **Agical** (Consultant)
2021 – 2022 **Insurello AB** (Developer)
2007 – 2021 **Crisp AB** (Partner)
2003 – 2007 **Swedish Tax Agency** (Architect)
1993 – 2003 **CAG** (Consultant)
1991 – 1993 **Objective Systems** (Software Engineer)
1980 – 1991 **Institute of microelectronics** (Engineer)

Engagements (selection of)

Green field startup

Jan 2019 -

Owner of a two-person startup. Elm with Java backend on Spring Boot. Cloud deployment.

Insurello AB

2021 - 2022

Full stack developer, Elm and F#, deployed on AWS.

ATG Horse betting

Aug 2016 – Dec 2018

Scrum Master for 1-2 teams during the assignment. Coding in Java. Microservices on OpenShift/Kubernetes.

Klarna Payment Solutions

Sep 2015 – May 2016

Working as agile coder and coach. Helping the team and PO to improve while also writing code. Using AWS Amazon Web Services, DynamoDB, Kafka, AppWizard et al.

Digital examination, Stockholm University

Jan 2014 – Jun 2015

Created a system from scratch using agile principles. Released often to get feedback from real usage. Upheld quality with techniques such as TDD, pair programming and Continuous Integration. With quality, feedback is easier to incorporate.

See <http://blog.crisp.se/2016/03/16/perlundholm/continuous-discovery-and-validation>

Thomas Cook Northern Europe

Sep 2012 – Dec 2012

Helping Thomas Cook Northern Europe assess their agile development and product management processes.

Paxport, Passenger Management System

Jan 2008 – Jun 2012

Worked as developer, Scrum Master and Product Owner at various projects.

Teaching

I love teaching. It is fascinating to try to find the exercises and format that leads to lasting insights. Sometimes I have my classes publicly available and sometimes they are inhouse only. Here are some examples from the past.

Introduction to Agile and Scrum, 2 days

Understand the Agile values and principles plus the Scrum practice.

Refactoring Legacy Code, 2 days

Refactoring on the three levels:

- **Daily** as part of the TDD cycle
- **Weekly** using the Mikado method to handle refactoring that lasts for days
- **Monthly** when replacing a legacy system in steps

See <https://www.crisp.se/kurser/kurstyper/refactoring-legacy-code>

Certified Scrum Developer, 3 days

Teaches the XP practices that complements Scrum.

See: <https://www.crisp.se/kurser/certified-scrum-developer-september-stockholm>

Software Architecture, 6 days

Teaches the 7 qualities of architecture, patterns and pitfalls.

Empowered Team - The Continuous Product Discovery and Delivery Team, 2 days

Take the team on the customer journey, introducing the basics of product discovery. When the whole team is engaged in the customer perspective, true value is created.

See: <https://www.crisp.se/kurser/lean-team-the-continuous-product-discovery-and-delivery-team-dec-4-5-2017>