Benjamin Huser-Berta

Senior Software Engineer / Agile Coach / Professional Kanban Trainer (PKT)

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About Me

I am an experienced Agile Coach passionate about creating effective, efficient, and predictable systems. I embrace practices that help teams and organizations achieve these goals, regardless of frameworks or methods. My approach combines deep theoretical understanding with years of practical, hands-on experience in corporate environments, collaborating closely with teams and leadership.

With a background as a Software Engineer, I possess a perspective that allows me to empathize with developers and effectively suggest improvements in technical practices. Whether supporting teams in adopting eXtreme Programming (XP) principles or evolving DevOps capabilities, I have hands-on experience driving such changes.

In recent years, I've focused on enabling data-informed decision-making. This includes applying Flow Metrics to measure and enhance system stability and leveraging probabilistic forecasting to predict delivery timelines. My teams' efforts in these areas have received international recognition, with case studies and workshops presented at conferences and meetups worldwide.

While my current roles have shifted away from daily coding, I continue to identify as a developer. I actively maintain open-source projects that allow me to explore state-of-the-art technologies and practices. Automation of anything and everything is another passion of mine. Whether it's a script that can collect some data automatically, or a CI/CD pipeline for this CV, it's something I genuinely enjoy doing.

Skills

Methodologies, Frameworks, and Practices	Scrum, Kanban, Lean, DevOps, XP, Clean Code
Programming Languages	C# / .Net, WPF/XAML, PowerShell, Python, TypeScript, Java
Frameworks and Tools	Nuget, Asp.Net, Entity Framework, REST, Node.js, React, npm, Visual Studio, Visual Studio Code, Power BI
DevOps	Azure DevOps, Azure Pipelines, Git, Docker
Facilitation and Collaboration	Liberating Structures, Training from the Back of the Room, Microsoft Teams, Zoom, Mural, Miro
Languages	German (native), English (fluent), Spanish (basics)

Education

University of Applied Sciences and Arts Northwestern Switzerland — *Windisch, Switzerland*

Certificate of Advanced Studies in Data Science — *Apr. 2019 - Jun. 2019*

University of Applied Sciences Zurich (UAS Zurich) — *Winterthur, Switzerland*

Bachelor of Science in Software Engineering — *Sep. 2011 - Jul. 2014*

Community Contributions

Conferences and Meetups	- Regular participant at conferences and meetups - Speaker and workshop host at conferences and meetups - Co-Organizer of meetups
Blog Posts	- Published various posts on Medium and Substack - Contributed to publications like Serious Scrum and Mastering Agility - Case Studies republished on ProKanban.org
OSS Development	- Azure DevOps Extension for CI/CD Pipelines - Flow Metric Charts Generation and Monte Carlo Forecasts based on CSV files - Extended Forecasting Tool that allows to forecast completion dates for the portfolio level.

Certifications

Scrum   *Scrum.org Profile*

CERTIFICATIONS WITH SCRUM.ORG

- All Scrum Master certifications, including PSM-III
- Other certifications: PSPO-I, PSD-I, PAL-I, and PSK-I

Kanban   *Credly Profile*

CERTIFICATIONS WITH PROKANBAN.ORG

- Professional Kanban Trainer (PKT)
- Certificates: PSK-I, PAM (Metrics), and SPK (Scaling)

Experience

ABB POWER GRIDS / HITACHI ENERGY

Hitachi Energy (formerly ABB Power Grids) is a global technology leader committed to advancing a sustainable energy future. The company develops innovative solutions for power grids and energy systems, specializing in high-voltage technologies, digital grid automation, and energy storage. Its mission is to drive the transition to renewable energy and ensure reliable power delivery worldwide.

I began my journey at ABB during my apprenticeship, continuing to work on an hourly basis while pursuing my Software Engineering studies. After completing my degree, I joined the company full-time as a Software Engineer and have since taken on diverse roles and responsibilities, contributing to various initiatives over the years.

Senior Software Engineer II   *Baden, Switzerland*

HEAD OF PROCESSES AND QUALITY FOR PLATFORMS, AGILE COACH   *Oct. 2023 - Mar. 2025*

- Responsible for overseeing processes and driving improvements across more than 10 teams, including offshore external teams integrated into the setup. Collaborated closely with Scrum Masters and Product Owners to define clear boundaries that empowered teams to self-manage, while ensuring a unified working style and shared quality standards. This was achieved by setting clear quality goals, defining a standardized workflow and 'done' criteria, and establishing key metrics for performance measurement.
- Responsible for maintaining the quality of three internal platforms. Worked closely with developers and Product Owners to establish objective, data-driven quality metrics, minimizing assessment bias. Designed dashboards and automated data collection methods to ensure transparency for teams and stakeholders. Supported teams in analyzing, interpreting, and acting on this data, driving continuous improvement through regular inspection and adaptation. This created transparency around the current state and facilitated the creation of experiments for improvements, which were then validated against baseline metrics.
- Delivered Scrum training to teams across various departments to introduce the fundamentals of the framework, focusing on fostering behavior change rather than simply conducting events. The sessions, delivered remotely to groups of up to 50 participants, incorporated a high degree of interactivity through Liberating Structures and adhered to 'Training from the Back of the Room' principles.
- Evaluated various tools for capturing Flow Metrics and conducting probabilistic forecasting tailored to our environment. Led the development of custom tools designed for portfolio-level forecasting, facilitating collaboration across multiple teams working on shared features. This led to wider adoption of these practices, improving predictability through continuous inspection and adaptation of Flow Metrics. The forecasts also reduced the effort invested in estimation, proving to be more accurate, and ultimately freed up more time for value-adding activities.

Senior Software Engineer

Baden, Switzerland

Tech Lead, Scrum Master, Configuration Manager

Dec. 2019 - Oct. 2023

- As Scrum Master, I guided a team through the modernization of a legacy web application built on Microsoft Silverlight, transitioning to modern technologies like .NET 6+, TypeScript, and React. I ensured the team continuously improved and evolved the application to meet customer needs, all while replacing outdated components. I introduced engineering practices such as test-driven development and clean code principles to ensure a smooth and effective modernization process. Through this modernization process, the team successfully enhanced both the scalability and maintainability of the application, while minimizing disruption to current users.
- As Scrum Master, I led a team focused on a web application built with C#, React, and TypeScript, hosted on Azure Cloud. I introduced and implemented a fully automated CI/CD pipeline, streamlining the build-test-deploy process and resulting in fast(er) feedback cycles, simplifying production releases. Collaborating closely with the Product Owner and Developers, we introduced agile software development practices, including weekly 'Scrum Bites' to explore one concept at a time and improve overall team understanding.
- I was responsible for overseeing Configuration Management and managing pipelines for our 'Product Line,' which included several products and teams. I led the initiative to modernize our CI environments, automating several previously manual processes, such as digital signing, scanning for open-source license violations, and addressing cybersecurity vulnerabilities. I also established a 'Configuration Management Forum' to facilitate sharing best practices across teams and products. These efforts resulted in increased consistency across our products and significantly reduced the potential for errors in the deployment process.
- I coached and trained multiple teams on the Scrum framework, establishing a 'Scrum Master Guild' to encourage knowledge sharing and community-building. Through organizing internal events, I helped spread good practices and fostered exchanges between Scrum Masters across the company.
- I introduced Kanban practices, including Flow Metrics and probabilistic forecasting, across various teams. I hosted training sessions, workshops, and internal meetups to help teams understand and adopt these concepts. I supported Scrum Masters in establishing these practices with their teams, contributing to a more predictable delivery process.

Software Engineer

Baden, Switzerland

Software Developer, Scrum Master

Aug. 2014 - Dec. 2019

- Development of modular Windows desktop applications in the .NET stack using C#, WPF/XAML, and Visual Studio.
- Part of the 'Clean Code Team' focused on improving code quality by establishing practices such as static code analysis, pair programming, code reviews, refactoring, unit testing, and test-driven development. I hosted introductory training and hands-on workshops, supporting team members with the adoption of these practices in their daily work.
- Introduced, maintained, and extended the continuous integration environment using Azure Pipelines, automating build and test runs as well as the creation and deployment of packages to test environments, resulting in faster feedback cycles and more reliable deployments.
- Initiated the development of an automated end-to-end test framework based on the page object pattern, enabling tests to run efficiently against the latest packages produced by our pipelines to validate the latest changes.
- Led the scale-up from one to multiple teams across various countries. Provided technical and process-level guidance, including several weeks of on-site training and hands-on onboarding for the project. Responsible for introducing and implementing a scaled process model based on Nexus/SAFe.
- Responsible for the education and training of an application developer apprentice, providing guidance and mentorship to support their growth and development in software engineering.