

Max Wenzin

Born: 1975

In business since: 2001

Roles: Senior Java Developer, Principal Engineer, Software Architect

Utbildning: Master of Science in Systems Analysis, Linköping University

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Summary

Max is a competent jack-of-all-trades and a master of some. In recent years, Max has focused on programming Java and micro services and deploying continuously to the cloud. Max is a natural leader.

Max is highly driven and does what is needed.

As a developer, Max loves to build things that require more than simple CRUD services. Max is especially strong in Java and databases and can design robust and fast event driven systems from the ground up, and understands how to deploy and monitor mission-critical applications in a cloud environment.

In the last years, Max has worked with: Java, Kotlin, Spring Boot, Vert.x, Postgres, AWS (EC2, RDS, Cloudformation etc), Docker, Kubernetes, gRPC, Protobuf, Avro, Kafka, Ansible RabbitMQ, Python.

Assignments

Warner Bros Discovery, 2022-04 –

Working as a Software Engineer and Architect on the internet-facing backend APIs for the streaming browsing experience. Backend APIs serve all clients; web, IOS, Android, Roku etc.

Max supported the merge of legacy Discovery+ and HBO Max platforms into the new platform for the MAX streaming service which we launched in the USA in May, 2023 and later in LATAM and EMEA.

Re-architected the backend CMS and page generation system and delivered personalized, whole-page optimization with deduplication and reranking capabilities by integrating personalization services.

Kubernetes, Java 21, Kotlin, Spring Boot, Vert.x, REST, Json API, gRPC, Protobuf, DynamoDB, Kafka, ElastiCache, ElasticSearch

Discovery Inc, 2019-04 – 2022-04

Senior Software Developer

Focusing on engineering and architecture, Max is working on the real-time backend services for the meta data for the Discovery OTT platform (video streaming).

Max was a driving force in the architecture and development of the new event-sourced solution for customer entitlements on the platform. ([See blog post about it](#)) This solution made subscriptions and entitlements more loosely coupled and enabled a new model for all partner integrations. The solution increased robustness and resilience by removing a service dependency from Tier 1 services.

The team participated in the replatforming from Dplay to Discovery+, and the launch of Discovery+ in the USA.

Max played a key role in the team, and was responsible for heading up the Personalization workstream, increasing the personalized content on the platform, and setting the architecture for many integrations over gRPC.

Java, Vert.x, Kubernetes, REST, Json API, gRPC, Protobuf, AWS

Senior Software Developer & Team Lead, 2019-04 -- 2020-03

Max started as a software engineer, but transitioned quickly into the Team Lead for the External Services team at Discovery, responsible for building the public-facing REST APIs for Discoverys OTT platform (video streaming).

Klarna, 2014-03 – 2019-02

Software Developer, 2015-07 -- 2018-12

In the Identification domain at Klarna, Max worked as a software developer and a part time Scrum Master and interim Team Lead.

Took responsibility of Klarnas real time systems for customer identification on all markets.

Build the first iteration of Klarnas services for integration of 3rd party credit- and address-bureaus. Used the Netflix Hystrix library for latency and error tolerance, designed to isolate access to remote systems, stop propagation of errors and build in resilience against errors in complex distributed systems.

Worked with PEP and EU Sanction services for Compliance and Financial Crime Prevention. Max leveled up an aged batch driven system to a real time service built as a microservice on AWS.

Max implemented Continuous Delivery to cloud services both technically and culturally, using tools such as Ansible, Docker and Jenkins. This included extensive automated testing with unit tests, integration tests, system tests, with both functional and non-functional requirements, both with Dockerized environments and real provisioned environments.

Automated provisioning of infrastructure, mainly on AWS. Used EC2, RDS, Kafka and other services to build robust, resilient and self-healing infrastructure.

Improved monitoring, automation, configuration management and system architecture to reduce the risk of, and effects of operational incidents.

Used a scientific approach with different experiments to improve performance (response times, latency and throughput) to enable searches of millions of transactions in the identification service in real time, within the SLA requirements.

Java, Postgres, Ansible, AWS, Kafka, Avro, Json, Apache Hive, Bash, Python, Groovy

As an experienced team member, Max often pair programmed with more junior team members to accelerate their learning and to build a more effective team.

Built strong trusts and relationships with other teams and departments to make larger initiatives to flow smoothly.

Delivery Lead, 2014-10 -- 2015-06

Delivery Lead for the Klarna US launch. This involved around 25 engineering teams at Klarna. Coordinated efforts between engineering and product teams. Made sure a working system was delivered in an incremental and iterative manner. Managed launch risk and mitigation options.

Scrum Master, 2014-03 -- 2014-10

Scrum Master for the first 3 teams of the new micro service based platform for Klarna, aka Kasper. Instrumental in the launch of Klarna in the UK by using an approach with low risk and a fast adaptation to change. Using the experiences of this role, Max founded the role of Delivery Lead at Klarna.

Projectplace, 2012-09 –, Scrum Master & Developer

After a larger transformation (see below), Max worked in a single team, first as Scrum Master and then as a Developer (Python, SQL, MongoDB). Worked with pair programming and TDD in the team that developed “ToDo by Projectplace. (digital Kanban boards etc)

Projectplace, 2012-02 – 2012-08, Agile Coach

Led a transformation of a functionally divided organisation to a more agile organisation with 7 cross-functional teams where 5-6 teams were on the same code base. Coached Director of R&D, Product Owners and Scrum Masters in their roles and agile ways of working with a focus on improved culture, effectiveness and quality. Introduced a stop-the-line culture and encouraged a drive towards Continuous Delivery.

Tre, 2011-2012 , Agile Coach & Jira Expert

Assisted Hans Brattberg with the agile transformation at 3 (a telecom operator). Facilitated Retrospectives and Release Planning. Implemented Jira for issue management. Jira training with an agile and iterative approach.

Emric, 2011-2012 , Agile Coach

Improved development processes based on agile methods such as Scrum and Kanban. Organization improved with shorter lead times, better internal coordination and a clear prioritization process. Better estimation and release planning.

Crisp AB, 2011 - , Consultant & Partner

Expekt.com, 2009 - 2011, Development Manager

Continuous development of Expekt.com systems. Expekt.com is a B2C company offering gambling services: Sportsbook, Casino, LiveCasino, Poker, Bingo, Games and Supertoto. Expekt had ~10 integrations to 3rd party suppliers.

Planned and executed office move for Expekt in Stockholm. Outsourced hosting.

Responsible for a geographically distributed development organisation of 3 Scrum teams in Stockholm, Kiev and Malta. Collaborated with management in all business areas at Expekt on Malta. Also contributed as a developer with Java and Oracle PL/SQL.

Java 6, Oracle, PL/SQL, JSP, Tomcat, Spring, JUnit, Mockito, EasyMock, Perforce, HTTP, XML, Maven, Hudson, Sonar, Nexus, Jira, Eclipse

Ran over 50 Scrum Sprints with continuous improvement. Development Manager and Product Owner for all software development within Expekt.com.

Better Code AB, 2009 - , consultant

- Self-employed consultant

Tain AB, 2008-2009, Product Owner, Sportsbook

- Cleaned up and renewed the Product backlog
- Prioritized fixing old problems and "broken windows"
- Reduced technical debt and introduced new valuable functionality for Expekt.com

- Development in Java, JSP & Oracle PL/SQL

Tain AB, 2007, Product Owner, Payment Gateway

- Insourced development of Tain Payment Gateway (TPG) from external consultancy
- Built a Scrum Team for Tain Payment Gateway
- Introduced a release process for a multi-customer product with different databases (Oracle och PostgreSQL)

Tain AB, 2006 - 2007, Scrum Master, Sportsbook

- Delivered releases to Betsafe.com and Expekt.com
- Communicated with Product Owner and CTO at Expekt, Malta
- Development in Java, JSP and Oracle PL/SQL

Tain AB, 2005 - 2006, Project Manager

- Made Tain's Sportsbook into a product and led the launch of Betsafe.com
- Managed all relations with management of Betsafe.com
- Client Manager for Expekt.com

IC Community AB, 2003 - 2005, Systemutvecklare

- Development of web based Balanced Scorecard System in PL/SQL, Oracle och Java.
- Systems and network administration (internet, hosting, firewalls, servers, backup, anti-virus, anti-spam etc)
- Release Management
- Customer training and technical training of partner company Actcell in Tokyo, Japan
- eXtreme Programming

Skandia / IC Visions, 2001 - 2003, Systemutvecklare

- Development of web based Balanced Scorecard System in PL/SQL, Oracle och Java.
- eXtreme Programming

Ericsson Radio Systems, System Developer

- Development of Java client for installing software in Ericssons AXE systems.
- Java, Swing, platform independence, TCP/IP, FTP, Ericsson MML.

Systemini, Owner and System Developer

- Startup during studies at Linköping University

AstraZeneca, System Developer

SKILL Studentkompetens AB, Consultant, Web

Education & Courses

- Master of Science in Systems Analysis, Linköping University, 2001
 - MIS, Databases, TeleCom, Oklahoma University, USA, 2000
 - Generative AI for Developers, 2023
 - Agile PM Advanced, 2014
 - Certified MongoDB Developer, 2013
 - Certified Scrum Developer, 2013
 - The Coaching Stance, 2011
 - Certified Scrum Master, 2006
 - Oracle DBA, LearningTree, 2002
 - PL/SQL, Oracle University, 2001
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Technical skills

Methods: Scrum, Kanban, Agile, eXtreme Programming, TDD, CI/CD, pair- and mob-programming

Programming: Java 21, Kotlin, Python, SQL, PL/SQL, Bash

Databases: DynamoDB, Redis/ElastiCache, PostgreSQL, MongoDB, Oracle, SQL Server, ElasticSearch

Messaging: Kafka, RabbitMQ, Avro, Protobuf

Tools: Git, Gradle, Maven, Docker, Ansible, Jenkins, GitHub Actions, IntelliJ, Kubernetes

Cloud: AWS (EC2, RDS, ElasticLoadBalancer, AutoScalingGroups, CloudFormation, S3 etc).