

Henrik Becker

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Software Engineer

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# Henrik Becker Is

A senior full stack developer dedicated to building robust, maintainable and testable systems.

A practitioner of Test Driven Development and agile processes.

An expert in .Net development using C#.

MSCD Web Applications.

Self-educated with 20 years of working experience.

Efficient and a fast learner.

## Certifications

MSCD Web Applications

Certified Scrum Master

## Languages

Swedish - Native

English - Fluent (IELTS overall score 8.5)

## Education

KomVux Lidingö

Kulturama

# Skill Summary

## Languages

C#

JavaScript

TypeScript

HTML

CSS

T-SQL

XML

XSLT

VB.Net

## Frameworks

Asp.Net Core

Asp.Net MVC

Asp.Net Web Api

Asp.Net Web Forms

React.js

Express.js

Node.js

jQuery

KnockoutJS

WCF

## Methods

Test Driven Development

Specification by Example

Continuous Integration

Continuous Deployment

Scrum

## Tools

Azure DevOps

Octopus Deploy

TeamCity

Git

ReSharper

Visual Studio

## Databases

SQL Server

MySQL

Oracle

Postgres

# Project History

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## Insplanet

2019-01-07 - 2019-06-13, Stockholm, Sweden

The client needed a senior developer with architecture experience to fill in the gap after their architect and lead developer left them.

My role was to make sure that knowledge wasn't lost during the transition so much of the assignment had to do with keeping documentation up to date and accessible.

I also contributed by simplifying their build and deployment processes.

### **Achievements:**

- Zero down time deployment
- Simplified CI process with Azure DevOps build pipelines

## Norconsult Astando

2018-04-18 - 2018-11-30, Stockholm, Sweden

### **Achievements:**

- Automated deployment for the project IsyRoad resulting in:
- Deployment time decreasing from ~ 45 minutes to ~ 5 minutes per application instance
- Deployment related errors reduced by nearly 100 %

## Svea Ekonomi AB

2017-10-11 - 2018-04-11, Solna, Sweden

Development of Svea Checkout - an e-commerce payment solution being rolled out in Sweden, Norway and Finland.

### **Achievements:**

- Improved api documentation by generating most of it automatically
- Improved tests by rewriting them as executable specifications

## Plejmo

2014-11-03 - 2017-07-05, Stockholm, Sweden

Back- and front end development of a Video On Demand (VOD) service based on Asp.Net MVC and EpiServer. DevOps tasks including configuring web sites, configuring automated builds and setting up automated deployment.

### **Achievements:**

- Increased system performance by refactoring the system to the CQRS pattern with a denormalized, read optimized database for querying.

- Increased stability and scalability by creating Micro Services for third party integration.
- Reduced errors during deployment by implementing automated deployment.
- Increased code quality by introducing automated acceptance tests and living documentation.

## Arbetsförmedlingen

2014-06-24 - 2014-09-26, Stockholm, Sweden

Maintenance of a legacy solution for managing requisitions at Sweden's public employment services.

## Qbranch Competence Manager

2014-04-28 - 2014-06-23, Stockholm, Sweden

Development of an application for managing consultant CVs. Built on Asp.Net MVC and hosted on Windows Azure.

## Wasa Kredit

2012-03-12 - 2013-11-14, Stockholm, Sweden

Employed as Lead Developer.

### **Achievements:**

- Reduced complexity and system decay through refactoring and the application of common software architecture patterns.
- Guided the development teams towards an iterative approach to software development with the product owner, functional analysts, testers and developers working closely together during the entire development cycle.
- Introduced the idea of living documentation in the form of executable specifications.

## Cale Access AB

2011-09-01 - 2012-03-09, Stockholm, Sweden

Cale is one of the world's leading manufacturers of parking meters.

Henrik was involved in the project "Historical Changes" aiming to facilitate historical changes in "TrueUp".

TrueUp is a set of financial rules for economical compensation between the city of Chicago and the company Chicago Parking Meters.

The TrueUp system automates the compensation calculations and is a part of Cale Web Office 2.

Challenges: Complex domain model. Complex business rules. Massive data sets

## CashGuard

2011-06-01 - 2011-09-01, Stockholm, Sweden

CashGuard specialises in cash management solutions for the retail industry.

The software StoreManager is a solution for monitoring of CashGuard systems.

Henrik was the key person in the introduction of behavior driven development (Specification by Example) by taking traditional user stories in Word format and turning them into executable specifications.

**Achievements:**

- Was the key person in introducing behavior driven development.
- Lay the foundation for automated regression tests and living documentation by taking existing user stories and turning them into executable specifications using SpecFlow.

## Länsförsäkringar

2009-09-01 - 2011-05-01, Stockholm, Sweden

Worked with the development of a WCF based payment platform adding support for automatic payment services and prompts. Quality assurance and performance optimization of connecting systems.

**Achievements:**

- Was instrumental in the migration of the payment platform's database from Oracle to SQL Server.

## Tradera

2009-08-01 - 2009-08-31, Stockholm, Sweden

Participated in the development of a sales support system for managing articles and campaigns published on tradera.se.

## Astando

2008-02-28 - 2009-05-01, Stockholm, Sweden

Astando is one of the leading companies in the GIS area and in the forefront of the Local Roaddatabase concept (LV).

LV is the foundation on top of which applications concerning the road network, traffic and road-users are built. The assignment involved development of a client/server application for importing and presenting traffic measurement data for Stockholm and Gothenburg.

## hitta.se

2006-03-01 - 2008-02-28, Stockholm, Sweden

Hitta.se is a Swedish search engine that offers telephone directory, addresses and maps.

It has been one of Sweden's 10 most popular sites for quite some time, I worked with hitta.se's internal order system and improved the public map site with services such as weather and traffic information.

**Achievements:**

- Was a key person in the development of hitta.se - one of Swedens top 10 most popular sites.
- Created the services hitta.se/trafiknytt (traffic information) and hitta.se/vader (weather information).

## ICA Banken AB

2006-03-01 - 2006-03-01, Sundbyberg, Sweden

Quality analysis of database design. Trouble shooting and optimization of SQL scripts for data import/export and database maintenance. VBScript for SQL Server inventory using WMI.

## Sigtuna Council

2005-10-01 - 2006-03-01, Märsta, Sweden

Was the single developer on this Identity Management project that would become Microsoft's reference case for Microsoft Identity Integration Server (MIIS).

Implemented management agents for the client's HR system, the directory services eDirectory and Active Directory.

Implemented automatic creation of GroupWise accounts and Novell Server home directories.

Wrote rules extensions for attribute flow and joins.

## Sveriges Television

2005-07-01 - 2005-07-31, Stockholm, Sweden

Maintenance of the client's system inventory tool.

## Taxi Stockholm

2005-05-01 - 2005-07-01, Stockholm, Sweden

Migration of Taxi Stockholm's intranet and external web site from Spirello to EpiServer.

Integration with the client's Unix based booking system.

## Siemens Medical

2000-01-01 - 2001-01-01, Stockholm, Sweden

QA and supporting colleges during development and maintenance of Siemens Medical's intranet "EMPower".

## Hewlett Packard Sweden

1999-09-01 - 2005-03-31, Solna, Sweden

Requirements analysis, use case design, system design and development of a web based administration interface for information about and registrations for customer events for HP EMEA.

Requirements analysis, design and development of a web based administration interface for HP's scandinavian products database.

Development of templates for the client's EpiServer based intranet.

Maintenance and further development of [www.hp.se](http://www.hp.se).

## Looström & Gelin AB

1998-10-01 - 1999-07-31, Danderyd, Sweden

Designed and developed a document management system based on Visual Basic 5. Assisted in developing the company web site.

# Employment History

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2017-07 - present Self Employed at Henrik Becker Consulting AB  
2015-09 - 2017-07 Plejmo Backend Developer at Magine TV  
2014-11 - 2015-08 Plejmo Backend Developer at Film2Home AB  
2014-04 - 2014-09 IT Consultant/Technical Manager at Qbranch Stockholm AB  
2012-03 - 2013-11 Lead Developer at Wasa Kredit AB  
2008-01 - 2012-03 IT Consultant/System Developer at Avega Group AB  
2007-12 - 2008-01 System Developer at Aftonbladet Tillväxtteknik 2 AB  
2007-04 - 2007-12 IT Consultant/System Developer at Inverso International AB  
2005-04 - 2007-04 IT Consultant/System Developer at Qbranch Stockholm AB  
2002-01 - 2005-03 IT Consultant/System Developer at eWork  
1999-09 - 2002-01 IT Consultant/System Developer at IconMedialab AB  
1998-10 - 1999-07 Programmer at Innitek AB  
1997-07 - 1998-10 PC Technician at Lidingö Stad  
1986-12 - 1995-06 Shop Assistant at Konsumentföreningen Stockholm  
1994-01 - 1994-07 Study Circle Leader at Sollentuna Jazz Workshop  
1992-06 - 1992-09 Shop Assistant at Kantarellen Livs AB  
1986-08 - 1986-12 Shop Assistant at Karena Zoo, Lek & Hobby