

Jessica Björkäng
CEO & Consultant, The Difference Engine AB
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Born: 1977

Professional Summary

With over 20 years of experience in software development, I specialize in PHP and open-source technologies, with a strong focus on backend development and payment solutions. As the founder and CEO of The Difference Engine AB, I have successfully led numerous projects for both large enterprises and startups. My expertise includes the integration of major e-commerce platforms like WooCommerce and Magento, enhancing business operations and user experience (UX). I am known for my excellent problem-solving skills and my ability to deliver robust, scalable solutions.

Education

Master of Science in Computer Science
Umeå University, 2000

- Thesis: "Part-of-Speech Tagging with Markov Models"

Natural Sciences Program
Solbergagymnasiet, Arvika, 1993-1996

Professional Experience

CEO & Consultant
The Difference Engine AB | 2007 - Present

- Founded and expanded a successful consultancy delivering robust web solutions and integrations.
- **Bambora/Worldline**: Led the development of open-source modules for Bambora Checkout & ePay, enhancing e-commerce functionality on platforms like WooCommerce, Magento2, PrestaShop & OpenCart. Focused on UX for Developer Portal, Merchant Portal & Checkout. (Full-time assignment, 2020-08 to 2024-06)
- **Starstable.com**: Developed the initial web and payment solution for this extensive online game, integrating multiple payment systems and live chat features.
- **Tidningen Vi**: Managed the migration from EPiServer to WordPress, creating a new blogging portal for contributors.

- **Centerpartiet:** Implemented a comprehensive community solution during the 2009-2010 election campaign, integrating multiple web technologies.

Web Manager

Scouterna | 2016 - 2017

- Managed the overhaul and enhancement of web platforms using WordPress and Magento, focusing on improving site functionality and user engagement.

Senior Backend Developer

Glorious Games Group | 2012 - 2016

- Developed and maintained backend services for Stardoll.com's 400 million-user community.
- Integrated new payment solutions and collaborated with cross-functional teams.

Consultant

Capgemini AB | 2005 - 2007

- Delivered IT and software development solutions, specializing in Java and .NET for various enterprise clients.

Technical Consultant

Racasse AB | 2002 - 2005

- Led development and project management of complex editorial systems for data classification and management.

Team Lead Usability & Design

Room33 AB | 2000 - 2002

- Led a team focused on usability and design for mobile internet services.
- Managed projects such as a WAP-portal for Palm Pilot and an SMS-based sweepstake for Procter & Gamble.

Usability Architect

Room33 AB | 2000

- Developed company-wide Design & Usability Guidelines.
- Oversaw service design and project management for new mobile internet services.

Teaching Assistant

Department of CS, Umeå University | 1999

Technical Skills

- **Programming Languages:** PHP, JavaScript, Perl, Python, Java, C++, Ruby, SQL
 - **API Development:** RESTful APIs, SOAP, GraphQL
 - **Frameworks:** WordPress, Magento, Drupal, Laravel, Symfony
 - **Tools:** Git, PHPStorm, JBuilder, Figma, Adobe Suite, Jenkins, Docker, Jira, Confluence, ChatGPT
 - **Databases:** MySQL, MongoDB, SQL Server, PostgreSQL
 - **Other:** HTML, CSS, XML, JSON, Unix/Linux administration, Agile development, DevOps, Cloud Platforms (AWS, Azure), CI/CD
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Languages

- **Swedish:** Native
 - **English:** Fluent
 - **French, Norwegian:** Basic
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Extracurricular Activities

- Board Member, Various Residential Associations (1998-2020)
 - Manager for Artist Coordination, Arvika Festivalen (2002-2004)
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Awards and Honors

- *Kulturpriset till Adam Brombergs minne*, Winner, 2011
 - *Nationalencyklopedins Kunskapspriset*, Finalist, 2011
 - *Forma Books Blog Award*, Winner, 2011
 - *Stora Bloggpriset - Kultur & nöje*, Aftonbladet, Winner, 2008
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References

Available upon request.