Stefan Andersson

Jack of all IT trades, master of quite a few

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Links:

https://hiberworld.com/u/Stefan
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Professional Summary

Stefan is the ideal cornerstone hire for ambitious initiatives and emerging ventures. With 35+ years of experience across diverse tech stacks and organizational levels, he has become a founder's Swiss army knife - a one-man matrix organization. His versatility spans strategic vision to tactical execution, making him invaluable for teams transitioning from concept to reality. While primarily focused on SaaS, Web, and Virtual worlds solutions, Stefan has repeatedly ventured into low-level development - from 3D engines and broadcasting to firmware and industrial process control. Stefan thrives on urgency and meaningful challenges: becoming CTO for Norway TV2 Teletext at 22, pioneering early Web development (creating a CMS for the Swedish Board of Education before 'CMS' was a thing), and founding multiple cutting-edge ventures, including a major first-wave 3D Web open source platform. His journey later led through Enterprise Business Intelligence, where he discovered his passion for analytics, to serving as CISO for healthcare solutions. Today, he's come full circle, contributing to the second wave of 3D Web innovation.

Professional Experience

Hiber3D Game Studio Full Stack Developer (Apr 2024 - Present)
Hiber | Gothenburg, Sweden

I was part of developing the https://hiber3d.com/ game engine, SDK, tool chain, backend services and example apps; as a senior resource I coded, created full-stack 3D Web game demos in React and C++, tested, deployed and maintained the entire Hiber3D offer from a technical angle.

Systems Administrator (Oct 2020 - Present)
Hiber | Gothenburg, Sweden

As their CTO I took a hands-on approach to make sure that IT systems were properly managed, managing onboarding/offboarding, billing, cost and securing their systems. When I stepped aside as CTO, I offered to retained the admin role to offload the new CTO. I also functioned as the main resource for security policy and training.

AI DevOps (Jun 2023 - Apr 2024)
Hiber | Gothenburg, Sweden

As lead for the Hiber AI Research initiative I led the effort to build and host various large and small multimodal generative AI toolchains. I got to work with a plethora of third-party APIs as well as training, deploying and managing models on GCP Compute and Vertex AI

React / TypeScript Developer (Oct 2022 - Oct 2023)
Hiber | Gothenburg, Sweden

As a member of the Platform team I worked as a full stack developer; IAC, DevOps, CI, CD, Databases, Backends, Frontend, Multiple Build Chains, Package Management, Automatic testing.

Information Security | Test Automation Lead (Jan 2022 - Jul 2022)

Hiber | Gothenburg Metropolitan Area

In this period Hiber did a push to formalize their security compliance and test automation policy. I was the lead for both these projects, making sure to always properly manage risk and cost.

Chief Technology Officer (Oct 2020 - Dec 2021)
Hiber | Gothenburg, Sweden

Hiber is a venture-backed startup with headquarters in Gothenburg, Sweden, focused on building a social platform for anyone to communicate and express themselves through game-like experiences. As their CTO I organised people and technology to deliver success.

CISO | Product Owner | Business Analyst | CloudOps Engineer | Systems Developer (Apr 2018 - Oct 2020)
Allevi AB | Göteborg, Sverige

Allevi AB is the premium provider of time management for LSS, HVB and LOV care providers in Sweden. The company is highly driven by humane values and implements an 'making a difference' ethos supporting independent living. As their CISO, I made sure they and their customers were kept safe and as a CloudOps engineer I made sure they could deliver highly available systems cost effectively.

Senior Software Developer (Apr 2017 - Mar 2018)
Saab | Gothenburg, Sweden

I helped the Secure Transportation team develop the Track and Trace product suite that provide customers with a secure logistic solution for different kinds of transportation. With this solution a user can gain full control over their logistic services through a work-order based system that manages, monitors and measures all services provided for the end customer. The system also creates an operational audit trail from commitment start to final execution, which facilitates having full control throughout the entire transport logistics chain.

Senior Software Architect | Systems Developer (Feb 2016 - Mar 2018)
Acorn Technology AB | Gothenburg, Sweden

What attracted me with the young consultancy firm Acorn was that they are committed to nurture a culture in which capable individuals can grow. The decision to leave did not come easy, and I recommend them whole-heartedly both as employers and as suppliers of .NET, Java and embedded software development talent.

Lead Developer (Feb 2017 - Mar 2017)
Aros electronics AB | Gothenburg, Sweden

I was brought in to help Aros bootstrap development of the control system for testing and programming stations in their automated circuit board production facility. The assignment also consisted of coaching the inhouse developers on modern .NET development practices and Software Architecture.

Senior Developer Team Lead (Feb 2016 - Jan 2017)
KGH Customs Services |

KGH Customs services is a premiere provider of customs services. Central to these services is the software-as-a-service web based logistics center, integrating KGH, customers and international customs. My role was as Senior Developer and Team Lead for the feature team developing automation of customs declarations, an I also served as the Architect and principal developer for their schema-driven UI Framework.

Senior Software Architect | Senior Software Developer | Lead Tech (Mar 2009 - Feb 2016)
TIBCO Spotfire |

TIBCO Spotfire is the premier studio for enterprise-scale Interactive Visual Analytics. Solutions and Software Architect, Senior Systems Developer and Lead Tech for https://spotfire.cloud.tibco.com/ 1.0.0, 3.0.0-3.3.0 https://silverspotfire.tibco.com/ 2.0-2.7 https://tryspotfire.tibco.com 2.0-2.7 Project manager for https://silverspotfire.tibco.com/ 2.0-2.1.1

Co-founder | Lead Programmer (Jan 2007 - Oct 2009)
OpenSim |

The OpenSimulator Project is a BSD Licensed Virtual Worlds Server which can be used for creating and deploying 3D Virtual Environments. Fun fact: the platform is mentioned in David Chalmers "Reality+"

CEO (Apr 2007 - Mar 2009)
Tribal Media AB |

Tribal Media AB created high quality high technology interactive 3D mass media solutions.

Lead Programmer (Aug 2004 - Apr 2007)
Playahead AB |

Playahead was Swedens second largest youth web community.

CTO (May 2001 - Jun 2003)
Voice Workers AB |

Voice Workers produced speech recognition and natural dialogue management solutions for telephony.

CTO | Senior consultant (Apr 2000 - Mar 2001)
Ullman Human Design Group AB |

I helped bring the 'Ullman Mouse' into existence by coding assembler for their USB controller.

Lead Programmer | Software Architect | Key Account Manager (Apr 1998 - Dec 1999)
Framfab |

Framfab was the second largest web consultancy in Sweden.

Lead Programmer | Software Architect (1997 - Apr 1998)
Tribal Media AB |

Tribal Media was a small Web Communities upstart that rather quickly got merged with Framtidsfabriken.

Amanuens (Apr 1996 - Mar 1997)
Viktoria Swedish ICT |

During my studies I was employed by "The Internet Project" which was a research project centered on the emerging "World Wide Web".

CTO | Senior Systems Developer (May 1994 - Apr 1996)
Dagens TV A/S |

Dagens TV A/S produced Interactive Voice Response and Commercial Teletext Publishing for TV 2 Norway. As their coding CTO I helped bring interactive voice responce solutions to teletext.

Editor | Software Developer (1993 - 1993)

Dagens TV AB |

Dagens TV AB produced Interactive Voice Response and Commercial Teletext Publishing for TV4 Sweden. I was rapidly promoted to CTO in the startup sibling in Norway.

Consultant, Systems Administration (1992 - 1993)
Teamwork |

Stationed at Telia Data I worked mainly with Systems Administration.

Freelance Programmer (1992 - 1992)
Pendax AV Tjänst |

I created the software for a programmable Audio/Video sequence controller featuring a graphical programming environment. The MS/DOS based 8086 code was running in several sites and at least one of them for 5+ years without ever crashing or having to reboot.

Notable Projects

TIBCO Spotfire® Cloud 1.0.0 (Aug 2012 - Present)

TIBCO Spotfire® Cloud is a new set of cloud services for enterprises, work groups, and personal use. TIBCO Spotfire® Cloud Enterprise provides a secure full-featured version of Spotfire in the cloud to analyze and collaborate on business insights, whether or not the data is hosted. For project teams seeking data discovery as a service, TIBCO Spotfire® Cloud Work Group provides a wealth of application-building tools so distributed teams can visually explore data quickly and easily and deploy analytic applications at a very low cost. For individuals looking for a single step to actionable insight, TIBCO Spotfire® Personal is a cost-effective web-based client for quick data discovery needs.

TIBCO Spotfire® Cloud 3.0.0 (Aug 2014 - Dec 2014)

Zero Audience (Aug 2019 - Present)

Zero Audience is a pop-up DJ collective, bringing music to the public space by making bystanders participants.

Education

University of Gothenburg
Bachelor of Science
1996 - 2015

I started my IT studies in 1996, got swept up by the web and finally made it back to take my degree 20 years later.

University of Gothenburg
Courses
1995 - 1996

I took one year of intermediate psychology studies which gave me valuable insights about myself, the work I do, and the world I live in.

Dale Carnegie
2012 - 2013

Course in Communication and Leadership

Technical Skills

Other: Team Leadership, Assembly Language, Test Automation,

Backoffice IT Management, Full-Stack Development, Terraform, Software Development, Large Language Models (LLM), Software Project Management, Prompt Engineering, Vector Databases, Fine Tuning, Security, Software Architecture, Product Management, Integration, Web Development, Agile Methodologies, Software Design, Web Services, Configuration Management, Distributed Systems, Web Applications, Software Engineering, Product Development, Mobile Applications, Business Strategy, Programming, Scrum, ES6, CSS, Git, Open Source, Windows, Databases, SQL Server, MySQL, Extreme Programming, Puppet

Languages: C++, Java, PHP Symphony, TypeScript, Python (Programming Language), C#, JavaScript, PHP

Frameworks: AngularJS, Microsoft.NET, React, .NET, Node.js, React Native, Entity Framework

Cloud: AWS Aurora, Infrastructure as code (IaC), Google Cloud Platform (GCP), Amazon Web Services (AWS), DevOps, AWS CloudFormation