

JAHZIAH WAGNER

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Software consultant and entrepreneur with 15 years of experience spanning technical leadership, strategic software architecture, and full-stack development. Founder of Bytelope AB, delivering strategic consulting to government agencies and enterprise clients. Deep expertise in Java ecosystems, microservices architecture, and modern development practices. Track record of establishing organizational infrastructure, leading technical teams, and bridging the gap between technology strategy and execution across defense, fintech, digital identity, and e-commerce sectors.

- Technologies: Java 21, Spring Boot 3, Quarkus, VueJS, ReactJs, Kubernetes, Docker, PostgreSQL, Oracle, MySQL
- Cloud Platforms: Amazon Web Services, Microsoft Azure, Google Cloud Platform
- Methodologies: Agile (Scrum, Kanban), DevOps, CI/CD
- Tools: Git, GitHub Actions, Maven, CloudFormation, Splunk, Grafana, ChatGPT, Claude Code

PROFESSIONAL EXPERIENCE

Bytelope AB

Founder & Consultant

April 2021 – Present

Stockholm

- Founded and operate Bytelope AB, providing strategic software consulting and technical leadership to clients in government and enterprise sectors.
- Specialize in architectural design, digital identity solutions, payment systems integration, and organizational process improvement.
- Client portfolio spans government agencies and international enterprises across Sweden.

Assignment: **Agency for digital government (via Bytelope AB)**

September 2024 – October 2025

Software Developer - Digital Identity & Signature Services

Stockholm

- **EU Digital Identity Wallet (EUDI) - Swedish "Plånbok"**: Core developer for Sweden's implementation of the EU Digital Identity Wallet initiative, focusing on issuer functions and integration with EU standards.
- Built a demo relying party using OpenID4VP, integrating with the EU reference implementation (eudi-srv-web-verifier-endpoint-23220-4-kt), demonstrating practical implementation for private sector adoption including companies like Kivra.
- Developed critical wallet system components, primarily issuer functions, contributing to Sweden's digital identity infrastructure and EU-wide interoperability.
- **Digital Signature Service "Underskriftstjänsten"**: Core developer implementing the PAdES (PDF Advanced Electronic Signatures) standard for secure digital signatures.
- Served as Scrum Master for the development team while maintaining software development responsibilities in a 25/75 split role on the signature service project before transitioning fully to development on EUDI.
- **Technologies used**: Quarkus, Vue.js 3, PostgreSQL, OAuth 2.0, JWT, OpenID4VP, S3, BankID, OpenShift, Docker, Git, Scrum, Maven, ChatGPT, Claude Code.

Banky AB
Chief Technology Officer

April 2024 – June 2024
Stockholm

- Established organizational and operational infrastructure for fintech startup focused on providing loans to underserved markets.
- Implemented formal incident management processes and introduced Confluence for team documentation, improving operational response and knowledge sharing.
- Instituted regular employee-manager meetings and advocated for observability practices to strengthen team communication and system reliability.
- Conducted executive review of IT staff equipment policy, addressing developer productivity and working conditions.
- **Technologies used:** React, Java 17, Spring Boot, ActiveMQ, PostgreSQL, CloudFormation, OAuth 2.0, OpenID Connect, JWT, GitHub Actions, CloudWatch.

Bytelope AB
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Assignment: **KINDRED PEOPLE AB (via Bytelope AB)**

August 2021 – January 2024

Software Engineer Java - Pay and Withdraw Experience

Stockholm

- Developed and maintained integrations with numerous payment service providers including Adyen, Brite, Earthport, Nuvei, Swish, Trustly, and Worldpay for online gambling platform serving brands including Unibet, Maria Casino, and 32Red.
- Developed a deep understanding of KYC (Know Your Customer) and AML (Anti-Money Laundering) processes, enhancing knowledge of customer verification and compliance.
- Served as Incident Manager, efficiently addressing operational incidents to ensure rapid service restoration and business continuity.
- **Technologies used:** React, Java 17, Spring Boot 3, WebFlux/Reactor, Solace PubSub+, Oracle, Kubernetes, Docker, OAuth 2.0, OpenID Connect, JWT, BankID, PKCS, Jenkins, Splunk, Grafana, Linux/Unix, Maven, Git, Scrum, Kanban.

SVENSK TRAVSPORT AB
Backend Development Lead

June 2020 – March 2021
Stockholm

- Led backend API development for www.svenskgalopp.se, transitioning from outsourced to in-house development.
- Managed the transition from outsourced to in-house development, enhancing control and quality of the software.
- Fostered a democratic decision-making environment, ensuring active team participation and collaboration.
- Streamlined management of 100+ microservice repositories, enhancing efficiency.
- Optimized the engagement with overseas consultants, enhancing productivity and project outcomes.
- Successfully delivered the new gallop web API, contributing substantially to the platform's functionality and user experience.
- **Technologies used:** Java 11, Spring Boot, Oracle Database, Redis, Kubernetes, Docker, Google Cloud Platform, Grafana, Prometheus, Maven, Git, OAuth 2.0, OpenID Connect, JWT, BankID, Scrum.

- Engaged in various client projects across multiple industries, providing expertise in Java development, system integration, and software architecture.
- Delivered high-impact solutions for clients including Ericsson, Inera, Saab, and Pierce, demonstrating versatility across defense, telecom, healthcare, and e-commerce sectors.

Assignment: **ERICSSON AB (via Combitech AB)**

March 2019 – January 2020

Software Developer - Guided Sales Digital Platform

Stockholm

- Played a pivotal role in developing the Guided Sales Digital Platform (GSDP) for LTE & 5G within a mid-sized team, utilizing agile methodologies.
- Underwent comprehensive training in RAN, baseband, radio, antenna, and carrier theory, gaining deep understanding of Ericsson's hardware portfolio for LTE & 5G solutions.
- Empowered the team to implement microservices architecture, entity-relational mapping, and other industry best practices for sustainable development.
- **Technologies used:** Vue.js 2, Java 11, Spring Boot 2, CosmosDB, Neo4j, PostgreSQL, SAP Hybris, Docker, Kubernetes, Microsoft Azure, OAuth 2.0, MSAL, Linux/Unix, Maven, Git.

Assignment: **INERA AB (via Combitech AB)**

May 2018 – February 2019

Data Migration Lead - Hjälpmedelstjänsten 2.0

Stockholm

- Successfully led the data migration process crucial for the launch of Hjälpmedelstjänsten 2.0.
- Managed the intricate task of extracting and harmonizing large volumes of diverse data received intermittently from various administrative regions and their partners.
- Provided vital decision-making support to operations managers through comprehensive data analysis, proactively identifying and addressing potential issues.
- Collaborated extensively with software developers and testers on the team, ensuring seamless integration of data and functionality, thereby contributing significantly to the project's success.
- **Technologies used:** React, Java, WildFly/Thorntail, MySQL, H2, Elasticsearch, Redis, Amazon S3, Docker, OpenShift, Basefarm, Amazon Web Services (AWS), Kibana, Apache Shiro, Linux/Unix, Maven, Git, Scrum.

Assignment: **SAAB AB (via Combitech AB)**

February 2017 – April 2018

Software Developer - 9LV CMS

Järfälla

- Led the initial architecture, design, implementation, verification, and documentation efforts for the naval management subsystem.
- Managed the sprint backlog and served as the team representative in Scrum of Scrums meetings, ensuring alignment with project objectives and efficient workflow.
- Collaborated in a self-organized team of senior developers using agile methodologies to deliver high-quality software solutions.
- Contributed significantly to all project phases, showcasing comprehensive skills and attention to detail, resulting in a robust and reliable subsystem.
- **Technologies used:** Java 8, RxJava, ANTLR4, C++, Golang, Bash, Python, Docker, CoreOS, MongoDB (Reactive), JMS, ESB, Kerberos, LDAP, Git, Scrum.

Assignment: **PIERCE AB (via Combitech AB)**

August 2016 – December 2016

Software Developer - E-commerce platform

Stockholm

- Enhanced APIs with Elasticsearch, resulting in faster retrieval of product information, categories, prices, and search completion.
- Developed a comprehensive suite of load tests to identify bottlenecks and monitor response time changes over time, improving system performance.
- Collaborated closely with stakeholders, gaining valuable insights into the consulting role and the importance of interpersonal skills.
- **Technologies used:** Java EE/Payara, Play Framework, Docker, Docker Swarm, Microsoft SQL Server, Elasticsearch, JMS, JMeter, Linux, Maven, Git, Scrum.

Saab AB

November 2012 – August 2016

Software Developer

Järfälla

- Developed software for air, land, and sea-based defense systems across multiple platforms and technologies.

- Promoted to Technical Design Authority for EWLib due to exceptional performance and technical leadership.

Assignment: **GOVERNMENT AGENCY (via Saab AB)**

September 2013 – June 2014 |

Forward Deployed Engineer - Client solutions

Stockholm

- Worked closely with a major customer to deliver tailored solutions meeting specific operational needs.
- Demonstrated technical expertise and a strong customer-service orientation, ensuring high client satisfaction and successful project outcome.
- **Technologies used:** Java EE, PostgreSQL, LDAP, Linux, Maven, Git.

Academic Work AB

January 2012 – November 2012

Software Consultant

Stockholm

- Participated in multiple short-term projects, gaining diverse industry experience across various technology stacks.

Assignment: **SAAB AB (via Academic Work AB)**

March 2012 – November 2012 |

Software Developer

Järfälla

- Contributed to defense systems development projects.

Assignment: **TOSHIBA (via Academic Work AB)**

Software Developer

Stockholm

- Participated in software development projects.

Assignment: **VETENSKAPSRÅDET (via Academic Work AB)**

Software Developer

Stockholm

- Contributed to Swedish Research Council projects.

Innventia Edge

July 2011 – November 2011, February 2012 – July 2012

Contract Software Developer

Stockholm

- Extended BookCarbon carbon tracking system with new modules and features for the UK publishing industry.
- Forked BookCarbon to create ppacalculator, adapting the system for PPA (Publishers Publicity Association) publishing requirements in the UK market.
- **Technologies used:** Java EE, Vaadin, MySQL, Git.

EDUCATION

KTH Royal Institute of Technology

2007 – 2011

B.Sc.: Information & Communication Technology (177 credits completed, incomplete)

Thesis "BookCarbon: A System for Tracking Carbon Dioxide Emissions: the Life Cycle of a Book" - Developed in collaboration with Swedish state-owned Innventia Edge and its UK subsidiary, pioneering digital carbon tracking solutions for the British publishing industry. Early work in ESG (Environmental, Social, Governance) measurement and sustainability digitalization, addressing environmental impact across international supply chains.

Cambridge English: Proficiency (CPE) - Grade B

2006

Certificate awarded: Cambridge Assessment English.

International IT College of Sweden

2004 – 2007

Upper Secondary School Diploma: Natural Science Program.

Specialization: Mathematics & Computer Science.

COURSES

INFORMATOR AB

Agile Architecture Fundamentals [T1101].

2-day course

COMBITECH GROW

Software Craftsmanship.

2-day course

INFORMATOR AB

Effective Coding Principles and Patterns: Java 8 [T1627].

2-day course

ECLIPSESOURCE GMBH

Advanced Eclipse RCP.

3-day course

LEAST TECHNICAL/TACTICAL CONSULTING AND TRAINING

Evolution of Air Power – Tactics and connections to Technology.

2-day course

NON-PROFIT WORK & OPEN SOURCE

ClaudeSync

500+ GitHub stars

Open-source tool for synchronizing projects with Claude AI. Developed and maintained a popular developer tool that enables seamless integration between local development environments and Claude AI's capabilities. Active community engagement and ongoing feature development.

Technologies: Python, Claude AI API, Git, GitHub Actions