

# JAHZIAH WAGNER

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Senior Java architect and technical leader with 15 years delivering mission-critical systems across fintech, government, and defense. Founder of Bytelope AB. Specialized in Spring ecosystem, microservices architecture, REST API design, and digital identity (eIDAS 2.0, BankID). Certified Professional Scrum Master (PSM I).

## TECHNICAL SKILLS

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**Languages:** Java (8–21), Kotlin, TypeScript, Python, SQL, Bash

**Frameworks:** Spring Boot, Spring Data, Spring Security, Spring WebFlux, Quarkus, Hibernate/JPA

**Frontend:** React, Vue.js, Angular

**Databases:** PostgreSQL, Oracle, MySQL, MongoDB, Redis, Elasticsearch

**Cloud & DevOps:** AWS, Azure, GCP, Kubernetes, Docker, OpenShift, CI/CD

**Security:** OAuth 2.0, OpenID Connect, JWT, BankID, eIDAS 2.0

**Testing:** JUnit, Mockito, Integration Testing, TDD

**Practices:** Microservices, REST API Design, Agile/Scrum, Code Review, Technical Leadership

## PROFESSIONAL EXPERIENCE

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### BYTELOPE AB

*Founder / Software Consultant*

April 2021 – Present

*Stockholm*

- Founded independent consulting practice delivering Java enterprise solutions and digital identity implementations.

### AGENCY FOR DIGITAL GOVERNMENT

*Software Engineer (via Bytelope AB)*

September 2024 – October 2025

*Stockholm*

- Developed Sweden's EU Digital Identity Wallet as core developer on 15-person national team, integrating eIDAS 2.0, OpenID4VCI/VP, and 8+ EU regulatory frameworks.
- Built demo relying party using OpenID4VP, integrating with EU reference implementation.
- Led 6-person team as Scrum Master implementing Digital Signature Service with PAdES standard for secure digital signatures.
- **Tech:** Java 21, Kotlin, Quarkus, Vue.js 3, TypeScript, PostgreSQL, OAuth 2.0, JWT, OpenID4VP, BankID
- **Infrastructure:** OpenShift, Docker, S3, Git, Maven
- **Methodology:** Scrum, OpenAI Platform, Claude Code

**KINDRED GROUP***Senior Software Engineer - Payments (via Bytelope AB)*

August 2021 – January 2024

Stockholm

- Maintained integrations with 10 payment providers serving 3M+ active customers across 10 gambling platforms.
- Developed provider implementation framework (templates, libraries, standards) adopted across all payment integrations.
- Led estimation framework for new provider implementations, reducing planning overhead through standardized Confluence documentation.
- Served as senior developer and team knowledge anchor; mentored incoming Scrum Master after team split, praised for onboarding effectiveness.
- Rotated as Incident Manager (~10 weeks/year) and senior escalation point for critical payment systems.
- **Tech:** Java 21, Spring Boot 3, Spring Data, Spring Security, WebFlux/Reactor, JPA/Hibernate, Solace PubSub+, Oracle, React, TypeScript, OAuth 2.0, OpenID Connect, JWT, BankID
- **Infrastructure:** Kubernetes, Docker, Jenkins (CI/CD), Splunk, Grafana, Maven, Git
- **Methodology:** Scrum, Kanban

**BANKY AB***Chief Technology Officer*

April 2024 – June 2024

Stockholm

- Set up operational infrastructure for a fintech startup providing loans to underserved markets.
- Implemented incident management processes and introduced Confluence for documentation.
- Introduced regular 1-on-1s and observability practices to improve team communication and system reliability.
- Updated IT equipment policy improving developer productivity and tooling standards.
- **Tech:** React, TypeScript, Java 21, Spring Boot, ActiveMQ, PostgreSQL, OAuth 2.0, OpenID Connect, JWT
- **Infrastructure:** AWS, CloudFormation, GitHub Actions (CI/CD), CloudWatch

**SVENSK TRAVSPORT AB***Senior Backend Engineer / Scrum Master*

June 2020 – March 2021

Stockholm

- Led distributed team of 9 (Stockholm + offshore) in backend API development for Svensk Galopp website.
- Managed **100+ microservice repositories**, transitioning from outsourced to in-house development.
- Delivered new Gallop web API enabling public access to Swedish horse racing data.
- **Tech:** Java 11, Spring Boot, Spring Data, JPA/Hibernate, Oracle Database, Redis, OAuth 2.0, OpenID Connect, JWT, BankID
- **Infrastructure:** Kubernetes, Docker, Google Cloud Platform, Grafana, Prometheus, Maven, Git
- **Methodology:** Scrum

- Delivered consulting engagements for Ericsson, Inera, Saab, and Pierce across defense, telecom, healthcare, and e-commerce sectors.

**ERICSSON AB**

March 2019 – January 2020

*Lead Software Engineer - Guided Sales Digital Platform (via Combitech AB)* Stockholm

- Led development of the Guided Sales Digital Platform (GSDP) in 8-person cross-functional team, enabling configuration of billions of potential RAN combinations across Ericsson's full LTE/5G portfolio.
- Architected microservices and entity-relational mapping for complex product configuration rules.
- Trained in RAN, baseband, radio, and antenna theory to model Ericsson's hardware portfolio accurately.
- **Tech:** Java 11, Spring Boot 2, Spring Data, JPA/Hibernate, Vue.js 2, CosmosDB, Neo4j, PostgreSQL, SAP Hybris, OAuth 2.0, MSAL
- **Infrastructure:** Kubernetes, Docker, Microsoft Azure (CI/CD), Maven, Git, Linux

**INERA AB**

May 2018 – February 2019

*Data Migration Lead (via Combitech AB)* Stockholm

- Sole technical lead for migrating **750,000 ISO-classified assistive devices** (product data, pricing, media) to Hjälpmedelstjänsten 2.0 — Sweden's national assistive device ordering system.
- Extracted and harmonized data from multiple administrative regions, enabling on-schedule national launch.
- Supported operations managers with data analysis to identify and resolve potential issues pre-launch.
- **Tech:** Java 11, Angular 7, TypeScript, WildFly/Thorntail, MySQL, H2, Elasticsearch, Redis, Apache Shiro
- **Infrastructure:** Amazon S3, Docker, OpenShift, AWS, Basefarm, Kibana, Maven, Git, Linux
- **Methodology:** Scrum

**SAAB AB**

February 2017 – April 2018

*Lead Software Engineer / Scrum Master - 9LV CMS (via Combitech AB)* Järfälla

- Architected and built greenfield naval combat management subsystem from scratch — platform still forms the foundation of current production systems.
- Owned full technical stack: architecture, design, implementation, and documentation.
- Managed sprint backlog for 4-person team and represented the team in Scrum of Scrums meetings.
- **Tech:** Java 8, RxJava, ANTLR4, C++, Golang, Bash, Python, MongoDB (Reactive), JMS, ESB, GIS, Kerberos, LDAP

- **Infrastructure:** Docker, CoreOS, Git
- **Methodology:** Scrum

## **PIERCE GROUP AB**

August 2016 – December 2016

*Software Engineer - E-commerce (via Combitech AB)*

*Stockholm*

- Reduced complex product data loading time by **120x** through Elasticsearch optimization.
- Developed **125 load tests** across APIs to identify bottlenecks and establish performance baselines.
- **Tech:** Java EE 7, Payara, Play Framework, Angular 2, Microsoft SQL Server, Elasticsearch, JMS, JMeter
- **Infrastructure:** Docker, Docker Swarm, Maven, Git, Linux
- **Methodology:** Scrum

## **SAAB AB**

November 2012 – August 2016

*Software Engineer → Technical Design Authority*

*Järfälla*

- Promoted to **Technical Design Authority**, leading greenfield development of next-generation EWLib platform — architecture and codebase still in production use today.
- Developed software for air, land, and sea-based defense systems.
- **Tech:** Java EE 7, PostgreSQL, GIS, LDAP
- **Infrastructure:** Linux, Maven, Git

## **DEFENSE SECTOR AGENCY**

September 2013 – June 2014

*Forward Deployed Engineer (via Saab AB)*

*Stockholm*

- Sole Saab representative on-site for major system upgrade, guiding client developers on integration of new subsystem critical to long-term platform maintenance.
- Directed client staff and coordinated all client-Saab technical communication.

## **ACADEMIC WORK AB**

January 2012 – November 2012

*Software Consultant*

*Stockholm*

- Delivered software consulting engagements for Saab, Toshiba, and Vetenskapsrådet.
- Generated annual reports for Vetenskapsrådet (Swedish Research Council) covering full year 2011 research data.

## **INNVENTIA EDGE**

July 2011 – July 2012

*Software Engineer*

*Stockholm*

- Sole developer for BookCarbon carbon tracking system — product generated company's entire revenue stream from UK publishing industry clients.
- Extended platform with new modules and forked to create ppacalculator for PPA (Publishers Publicity Association) requirements.
- **Tech:** Java EE 6, Vaadin, MySQL

- **Infrastructure:** Git

## NON - PROFIT WORK & OPEN SOURCE

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### **ClaudeSync**

2024

Open-source CLI tool automating bidirectional file synchronization between local development environments and Claude.ai projects. Supports cross-platform deployment, pipeline integration, and configurable sync policies. **600+ GitHub stars**.

**Tech:** Python, Claude AI API   **Infrastructure:** Git, GitHub Actions, PyPI

## EDUCATION

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### **KTH Royal Institute of Technology**

2007 – 2011

B.Sc. Information & Communication Technology (Incomplete)

Thesis: "BookCarbon: A System for Tracking Carbon Dioxide Emissions" — Developed with Inventia Edge for the British publishing industry. Early work in carbon tracking and sustainability measurement.

### **International IT College of Sweden**

2004 – 2007

Upper Secondary School Diploma: Natural Science Program.

Specialization: Mathematics & Computer Science.

## COURSES & CERTIFICATIONS

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### **Professional Scrum Master I**

Scrum.org, 2025

### **Agile Architecture Fundamentals**

Informator AB, 2019

### **Effective Coding: Java 8**

Informator AB, 2017

### **Evolution of Air Power**

LEAST Technical, 2013

### **InsuranceSuite**

Guidewire Software, 2024

### **Software Craftsmanship**

Combitech Grow, 2019

### **Advanced Eclipse RCP**

EclipseSource GmbH, 2014

### **C2 Proficiency (CPE) - Grade B**

Cambridge Assessment, 2006