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

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

BYTELOPE AB   April 2021 – Present
Founder / Software Consultant   *Stockholm*

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

AGENCY FOR DIGITAL GOVERNMENT   September 2024 – October 2025
Software Engineer (via Bytelope AB)   *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   August 2021 – January 2024
Software Engineer - Payments (via Bytelope AB)   *Stockholm*

- Maintained integrations with 10 payment providers serving 3M+ active customers across 10 gambling platforms.

- Implemented KYC and AML compliance workflows ensuring regulatory adherence.

- Served as rotating 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   April 2024 – June 2024
Chief Technology Officer   *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   June 2020 – March 2021
Senior Backend Engineer / Scrum Master   *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

COMBITECH AB   August 2016 – June 2020
Software Consultant   *Stockholm*

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

ERICSSON AB   March 2019 – January 2020
Software Engineer - Guided Sales Digital Platform (via Combitech AB)   *Stockholm*

- Developed the Guided Sales Digital Platform (GSDP) in 8-person cross-functional team, covering Ericsson's full LTE/5G portfolio.
- Trained in RAN, baseband, radio, and antenna theory to understand Ericsson's hardware portfolio.
- Implemented microservices architecture and entity-relational mapping.
- **Tech**: Java 17, 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 Engineer / Tech Lead (via Combitech AB)   *Stockholm*

- Led data migration for the launch of Hjälpmedelstjänsten 2.0.
- Extracted and harmonized data from various administrative regions.
- Supported operations managers with data analysis to identify potential issues.
- Collaborated with developers and testers on data integration.
- **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
Software Engineer / Scrum Master - 9LV CMS (via Combitech AB)   *Järfälla*

- Led architecture, design, implementation, and documentation for a naval management sub-system.
- 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*

- Enhanced APIs with Elasticsearch for faster product search and retrieval.

- Developed load tests to identify bottlenecks and monitor performance.

- **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   *Järfälla*

- Developed software for air, land, and sea-based defense systems.

- Promoted to **Technical Design Authority** for EWLib.

- **Tech**: Java EE 7, PostgreSQL, GIS, LDAP

- **Infrastructure**: Linux, Maven, Git

GOVERNMENT AGENCY   September 2013 – June 2014
Forward Deployed Engineer (via Saab AB)   *Stockholm*

- Led on-site Saab product integration, directing client staff and coordinating client-Saab communication.

ACADEMIC WORK AB   January 2012 – November 2012
Software Consultant   *Stockholm*

- Delivered software consulting engagements for Saab, Toshiba, and Vetenskapsrådet (Swedish Research Council).

INNVENTIA EDGE   July 2011 – November 2011, February 2012 – July 2012
Software Engineer   *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.

- **Tech**: Java EE 6, Vaadin, MySQL

- **Infrastructure**: Git

NON-PROFIT WORK & OPEN SOURCE

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

KTH Royal Institute of Technology   *2007 – 2011*
Coursework in Information & Communication Technology
Thesis: "BookCarbon: A System for Tracking Carbon Dioxide Emissions" — Developed with Innventia 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

Professional Scrum Master I
Scrum.org, 2025

InsuranceSuite
Guidewire Software, 2024

Agile Architecture Fundamentals
Informator AB, 2019

Software Craftsmanship
Combitech Grow, 2019

Effective Coding: Java 8
Informator AB, 2017

Advanced Eclipse RCP
EclipseSource GmbH, 2014

Evolution of Air Power
LEAST Technical, 2013

C2 Proficiency (CPE) - Grade B
Cambridge Assessment, 2006

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