

Daniel Heiniger

Senior Java Engineer – from requirements to production.



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🌐 More about me:	heiniger.org
📍 Location:	Zurich, Switzerland
CH Nationality:	Swiss
📅 Year of birth:	1962
🎓 Degree:	BSc Computer Science (Dipl. Informatik-Ing. HTL)

Over 30 years of experience delivering stable, long-lived systems in complex and regulated environments. Senior Java backend engineer with full-stack capability (Angular) and a proven track record at major Swiss financial institutions and infrastructure operators. Known for bringing clarity, structure and reliability to demanding technical landscapes — and for ensuring that systems not only work, but keep running.

Expertise and Consulting Focus

- Stabilising complex technical environments
- Reducing operational risks and improving long-term performance
- Ensuring robustness, maintainability and clear operational processes
- Technical analysis and pragmatic, sustainable solution design







Working style & Personality

- Listens to truly understand and guides teams toward shared clarity
- Calm, thoughtful and structured – a stabilising presence in complex projects
- Humorous and self-ironic, creating a pleasant and constructive team atmosphere
- Documents clearly and accessibly, ensuring solutions remain usable long-term
- The engineer you can trust with complex responsibilities.

Education

- BSc Computer Science (Dipl. Informatik-Ing. HTL), 1982-1985
- Sun Certified Developer for the Java 2 Platform, 2003
- Certified Scrum Master, 2015

Highlights of Client Experiences

-  **PostFinance (2021 – 2024):** Worked on the **Card Management System (CMS)**, managing the lifecycle of PostFinance debit cards ("Yellow Cards") and provisioning/ managing tokens for wallets like **ApplePay** and **GooglePay**. Also handled the operational responsibility for CMS, including incident tracking and daily operations.
-  **BSGroup (internal) – JHipster application (2025):** Further development of an internal JHipster application for managing employee profiles. Full-stack work with Java/Spring Boot and Angular/TypeScript, including UI improvements, new features and PDF export functions. Use of AI-assisted development tools for implementation suggestions and unit tests.
-  **Zürcher Kantonalbank (ZKB) (2020 – 2021):** Operations and further development of the **FRR** application for publishing financial analysis information to various channels, including **Bloomberg** and **Standard & Poor's**. Experience included **Frontend (Angular 9)** and **Backend (Java 11)** development.
-  **Stadt Zürich Organisation und Informatik (2020):** Implemented new features for products like "My Account" and Login administration using **Angular 9** and **Java 8**.
-  **Schweizerische Bundesbahnen (SBB) (2018 – 2019):** Contributed to the **DIAMOND** system (Diagnosis of monitoring data) by implementing measurement data signal processing, including import, processing (**Big Data: Spark, Hive, Hadoop**), and export to target systems.
-  **Raiffeisen (2000 – 2009):** Involved in the continuous development and maintenance of the **RAIgate middleware** for connecting decentralized data to the e-banking system. Developed a high-availability solution for the electronic blocking of **Maestro cards (RAIcard Debit Online)**.