

# Marc Weber

Zürich

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)



## EDUCATION

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### ZHAW

Bachelor's in Business Information Technology

Winterthur, Zürich

Sep 2022 - Sep 2025

### Kantonsschule Hottingen

Informatikmittelschule (BMS + EFZ)

Zürich

Aug 2017 - Aug 2021

## WORK EXPERIENCE

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### Zurich Insurance

Document Template Developer

Oerlikon, Zürich

Jan 2025 – Present

- Created and maintained outbound document templates using ISIS Papyrus.
- Developed API wrapper microservices using Java Spring Boot.
- Automated inbound capturing processes using TCG.

### Cardea Insurance GmbH

Co-Founder

Zürich, Zürich

Mar 2023 – Dec 2024

- Created a WebApp with various custom functionalities which were maintained, constantly improved and tested with metrics we were collecting from Google Analytics.
- Utilized AWS services such as Lambda, S3, Cognito, EC2, ECR, SES, and API Gateway to build and deploy a backend. The Lambda functions were written in Javascript.
- Developed and executed business strategies to drive company growth and achieve long-term growth objectives, resulting in the acquisition of 250 customers within the first year of implementation.
- Developed and implemented a premium calculator utilizing robotics technology, automating the process of retrieving premium amounts from multiple insurance companies via form interfaces.
- Implemented a user-friendly solution for digital signatures, resulting in a complete automation of mandating customers.

### Rekrutenschule

Telematics Technician Soldier

Frauenfeld, Thurgau

Jan 2022 - May 2022

- Collaborated with fellow soldiers and various military functions to achieve communication objectives and execute exercises effectively.

### Swisscard

Full-Stack Software Engineer

Horgen, Zürich

Aug 2020 - Dec 2021

- Developed and enhanced a DevOps tool for visualizing and editing of failing continuous delivery pipelines from Jenkins using a Spring Boot backend and a React frontend.
- Implemented customized monitoring and alerting systems for multiple projects using Prometheus and Grafana, resulting in an increase in system reliability and a significant reduction in downtime.
- Executed multiple development tasks and resolved bugs in the automation of call agent processes using Camunda and Spring Boot.
- Participated in a Scrum team focused on process automation, contributing to the successful delivery of automated solutions.

## PROJECT EXPERIENCE

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### Text to PostGIS

- Bachelor Thesis evaluating how good LLMs are in creating PostGIS SQL-Queries, specifically for OpenStreetMap Data.
- Created multiple feedback loops to improve AI's responses. Checking feedback increased the performance by 5% and previous example prompts, and corresponding responses doubled the correctness.
- The performance was evaluated using a self designed benchmark with 25 questions.
- Results presented in a WebApp which also includes an interface to interact with the Text-to-PostGIS application.

### Camunda Video Downloader

- This app accepts YouTube and Instagram links which can either be downloaded directly or downloaded with further configurations. Such as what language the captions should be created in.
- Using Camunda and Spring Boot setup, I automated the steps to transcribe a video into a different language and create captions for it. Users can interact with the service as a web app, which was built with React.
- With the help of AWS services such as S3, EC2, ECR, Translator and Transcriber implemented the features.

### Lang + Partner Finanzdienstleistungen GmbH

- Developed a responsive and user-friendly frontend using React for an insurance broker, streamlining the process of booking meetings and signing mandates.
- Leveraged AWS services, including API Gateway, Lambda, and S3, for computing and securely storing mandates.
- Implemented a digital archive solution as a webapp to view completed mandates.

### PolicySign

- Implemented a responsive frontend using Svelte, providing a simple and intuitive interface for secure document, template, and signature management.
- Developed the backend with Spring Boot, providing necessary API endpoints for storing and retrieving documents, sending email notifications, and managing users.
- Successfully integrated Auth0 for secure authentication, AWS S3 for secure document storage (with separate buckets for documents and templates), and JavaMailSender for secure email delivery.
- Implemented secure user management through Auth0 and scalable data storage with AWS S3. Additional security measures, such as password protection for signing, are planned for future implementation.

## SKILLS

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**Skills:** Spring Boot, Camunda, AWS, Java, JavaScript, React, TCG, Azure, ISIS Papyrus, Git, DevOps

**Languages:** English: *Native*  
German: *Native*  
French: *B1*  
Chinese: *HSK 1*