

Marc Weber

Zürich

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



EDUCATION

ZHAW

Bachelor's in Business Information Technology

Winterthur, Zürich

Graduation date: Sep 2025

Kantonsschule Hottingen

Informatikmittelschule

Zürich

Aug 2017 - Aug 2021

WORK EXPERIENCE

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

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 or downloaded with further configurations. Such as the source language and what language the captions should be created for.
- 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 serverless microservices 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.
- Managing the maintenance, updates, and deployment of the website, ensuring its continuous operation and improvement.

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

Skills: Spring Boot, Camunda, AWS, Java, JavaScript, React, TCG, Azure, ISIS Papyrus, Git, Microsoft Office

Languages:

English: *Native*

German: *Native*

French: *B1*

Chinese: *HSK 1*