

# SIMON ALBRECHT

## Tech Lead / Senior Software Engineer

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## EXPERIENCE

### Senior Software Engineer

#### SRF – Schweizer Radio und Fernsehen

Feb 2024 – now • Zurich, Switzerland (Hybrid Remote)

**Technologies:** JavaScript, TypeScript, React, Tailwind, REST APIs, Docker, Kubernetes, Heroku, GitHub Actions, Jenkins

**Tools:** Slack, JIRA, Confluence, GitHub, VS Code, Figma

**Methodologies:** Agile (SCRUM, SAFe), Microservices, DevOps, Continuous Integration & Deployment

### Tech Lead

#### Doodle

Jan 2021 – Jan 2024 • Zurich, Switzerland (Hybrid Remote)

- Led and oversaw all Software Engineering work within a cross-functional Product Growth team, achieving a significant boost in conversion rate and an additional annual recurring revenue of 1.2 million CHF.
- Conducted 80+ A/B tests and experiments on a multitude of topics and of varying sizes, covering the entire lifecycle from ideation and planning to code implementation, data collection, analysis, and deployment to a user base of 30 million.
- Collaborated closely with Product Management, Engineering Leadership, and other stakeholders to achieve company-wide objectives; provided expertise in Frontend Engineering, Login/Signup processes, Tracking and Analytics, A/B Testing, and Consent Management.
- Provided mentorship to Software Engineers at various proficiency levels, offering valuable guidance on their career development, personal growth, and the improvement of technical and non-technical skills.
- Assessed 50+ take-home code challenges and conducted technical interviews for a variety of Frontend, Backend and Full-Stack Engineering positions.

**Technologies:** JavaScript, TypeScript, React, Redux, Redux Sagas, Java, Spring, Kafka, REST APIs, Docker, Kubernetes, AWS, GitHub Actions, Jenkins

**Tools:** Slack, JIRA, Notion, GitHub, VS Code, IntelliJ, Figma, Miro, Sentry, Google Optimize, GrowthBook, Teamtailor, SkillsMap, PopSQL, Meta-base

**Methodologies:** Agile (Kanban, SCRUM), A/B-Testing & Experimentation, Data-Driven Product Development, Microservices, DevOps, Continuous Integration & Deployment

## EDUCATION

### BSc Computer Science

#### Fernfachhochschule Schweiz (FFHS)

Sept 2017 – June 2021

Grade: 5.5 / 6.0, ETCS: 73 / 180

### Informatiker EFZ

#### Bildungszentrum Zürichsee (BZZ)

Aug 2009 – Aug 2013

Specialisation: Software Engineering, Grade: 5.4 / 6.0

### Berufsmatura

#### Bildungszentrum Zürichsee (BZZ)

Aug 2009 – Aug 2013

Profile: M, Grade: 4.9 / 6.0

## STRENGTHS

### Truly Full-Stack

I understand the full stack – from complex web applications to backend services to containers to infrastructure on the cloud.

### Highly Connected

Thanks to my extensive knowledge of a wide variety of topics and technologies, I can quickly make a connection between the known and the unknown, allowing me to rapidly adapt and contribute to a wide range of projects.

### Detail-Oriented

I enjoy taking care of the small details to ensure an exceptional customer experience from initiation to completion.

### Actively Engaged

I take pleasure in actively engaging and readily embrace challenges.

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## Senior Software Engineer

### aiaibot (swiss moonshot AG)

Aug 2019 – Dec 2020 • Zurich, Switzerland (Hybrid Remote)

- Played a key role in the web development, frontend architecture definition, and user interface implementation of a state-of-the-art Conversational AI / Chatbot SaaS platform.
- Created a web-based real-time chat client, seamlessly integrating into user websites with a single line of code.
- Collaborated closely with UI/UX Designers, Product Owners, and Software Engineers as an integral part of the core product team, driving the product development from concept to a feature-rich platform.
- Carried out production releases, monitored operations and infrastructure, and automated DevOps processes for Continuous Integration & Delivery.

**Technologies:** JavaScript, Vue, Vuex, Nuxt, Bulma, SASS, socket.io, Websockets, REST APIs, Python 3, Flask, Docker, Kubernetes, Google Cloud, GitHub Actions, Vercel

**Tools:** Slack, JIRA, Confluence, GitHub, IntelliJ, Abstract, Storybook, Sentry

**Methodologies:** Agile (SCRUM, Kanban), DevOps, Continuous Integration & Deployment

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## Full-Stack Software Engineer

### UBS

Jul 2017 – Apr 2019 • Zurich, Switzerland (On-Site)

- Acted as the lead Frontend Engineer, overseeing all aspects of web application development and architecture.
- Collaborated closely with UI/UX Designers and clients, actively participating in design workshops and conducting product demos.
- Took charge of designing, building, and maintaining cloud infrastructure (specifically Amazon Web Services, AWS). Orchestrated containerized applications in a microservice architecture.
- Provided guidance, coaching, and delivered tech talks to both business and IT stakeholders, educating them on cloud adoption and promoting cloud-first development practices.
- Established robust Continuous Integration and Continuous Deployment pipelines, and implemented monitoring and alerting systems to facilitate a seamless DevOps approach.

**Technologies:** TypeScript, JavaScript (ES6), Angular (4+), NgRx (Redux), RxJS, Bootstrap, AWS, Terraform, Docker, REST APIs, gRPC, Java 8 EE, Spring, Redis, Bitbucket Pipelines

**Tools:** JIRA, Confluence, Bitbucket, Git, WebStorm, IntelliJ, InVision

**Methodologies:** Agile (SCRUM), Prototyping, Design Thinking, Functional Programming, Microservices Infrastructure as Code, DevOps, Continuous Integration & Deployment

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## CERTIFICATIONS

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### Certified Professional for Requirements Engineering

International Requirements Engineering Board (IREB)

Jan 2019

### BankFIT: Banking and Financial Education for IT

Center for Young Professionals in Banking (CYP)

Jan 2011

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## PERSONAL PROJECTS

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### nome.io

Co-Founder & CTO

Apr 2020 – present

- Startup focused on personal branding, social media, and online identity.

### Stage

Software Engineer & Designer

Oct 2009 – Jan 2011

- iOS application that allowed users to share music with their social media networks (Twitter, Facebook).
- Reached the top 10 paid apps on the Swiss App Store within the first three days.

### iPhone360

Editor in Chief

Aug 2008 – Feb 2011

- Weblog about Apple ecosystem and iOS apps.
- 1.9 million total page views, 1'000 daily visitors.

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## Full-Stack Software Engineer

mimacom

Oct 2016 – Jun 2017 • Zurich & Berne, Switzerland (On-Site)

- Provided on-site technical consulting for Software Engineering projects with a specialization in Frontend Development.
- Worked on web applications, backend systems, prototypes and tools across the full stack, both in-house and on-site at client locations.
- Provided development capacity and bug fixes for projects approaching deadlines or facing resource constraints.

### Selected Projects:

- eBill, previously E-Rechnung for SIX Paynet & Postfinance.
- Web component development using Avaloq Front Platform (Banklet™) for Avaloq.
- 'KSD Bluescreen', a web application for the coordination of primary medical care in emergencies/crises for the Swiss Army (Koordinierter Sanitätsdienst).

**Technologies:** Java 8 (EE), Spring, Spring Boot, Maven, AngularJS, Angular (2+), TypeScript, JavaScript, Karma, Jasmine, Protractor, CucumberJS, REST APIs, SOAP, Oracle SQL, MySQL, Elasticsearch, Jenkins

**Tools:** JIRA, Confluence, Bamboo/Bitbucket, IntelliJ, Git, BrowserStack

**Methodologies:** Agile (SCRUM), Behaviour Driven Development (BDD), Domain Driven Design (DDD), Service Oriented Architecture

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## Full-Stack Software Engineer

Fides Treasury Services

Aug 2013 – Sept 2016 • Zurich, Switzerland (On-Site)

- Contributed to flagship products utilised by customers worldwide, assuming the role of a web development expert.
- Performed full-stack development and maintenance of various applications used by large Swiss corporates for payment processing via SWIFT & IBM MQ, including Sanction Screening.
- Implemented Continuous Integration and Continuous Deployment solutions and workflows, including the establishment of Maven.
- Provided third-level support for legacy applications.

**Technologies:** Java 8 (EE), Spring, Spring Boot, JUnit, Mockito, Maven, Apache Camel, IBM MQ, JavaScript, AngularJS, jQuery, Bootstrap, Node.js, HTML5, CSS3, REST API, JSON, XML, ISO20022, SWIFT, MSSQL, Jenkins

**Tools:** JIRA, Confluence, Sonatype Nexus, SonarSource, SVN, Tomcat, IntelliJ, Eclipse

**Methodologies:** Agile (SCRUM), Waterfall, Test Driven Development (TDD), Service Oriented Architecture

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## Junior Software Engineer (Apprentice)

Swisscard AECS

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## VOLUNTEERING

### Supervisor of Apprentices Berufsbildner

Fides Treasury Services

Jul 2016 – Oct 2016

### Coaching of Apprentices Betreuung der Lernenden

Fides Treasury Services

Oct 2014 – Jul 2016

### Medical Safety Officer & First Aid Responder

Fides Treasury Services

Mar 2015 – Oct 2016

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## LANGUAGES

German



English



French



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## INTERESTS

- Cooking
- Cycling
- Photography
- Video Games
- Technology

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## REFERENCES

On Request.

Nov 2012 – Aug 2013 • Zurich, Switzerland (On-Site)

- Intern as part of Credit Suisse Apprenticeship program.
- Developed a web application for credit card risk scoring utilising statistical models.
- Developed an application to identify and resolve discrepancies and inconsistencies in credit card and transaction data.
- Performed maintenance and enhancement of multiple backend applications and tools for credit card payment processing.

**Technologies:** Java 7 (EE), Spring, JUnit, Aquillian, Maven, JSF, jQuery, Bootstrap, SOAP, XML & XSLT, XSD

**Tools:** JIRA, Jenkins, SVN, IBM WebSphere Application Server, Eclipse

**Methodologies:** Test Driven Development, Service Oriented Architecture

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## Junior Software Engineer (Apprentice)

### Credit Suisse

Aug 2009 – Nov 2012 • Zurich, Switzerland (On-Site)

- Developed software modules and applications for error handling, tracing, and reporting on IBM z/OS mainframe systems, specifically utilized in end-of-day processing.
- Performed ongoing maintenance and development of a web application utilized for testing an extensive CORBA mainframe service.
- Migrated applications from Java 6 to Java 7.

**Technologies:** Java 6 (EE), Java 7 (EE), JSF, Struts, CORBA, PL/1, IBM z/OS, IBM DB2, IBM IMS, JCL

**Tools:** MS Project, TN3270 Terminal, Eclipse