

SIMON ALBRECHT

Full-Stack Software Engineer

* 1994 🇨🇭 Swiss ❤️ Single 📍 Zurich, Switzerland

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EXPERIENCE

Senior Software Engineer

aiabot (swiss moonshot AG) Aug 2019 – Dec 2020 Zurich

- Senior Frontend Engineer, responsible for web development, software architecture, and user interface development of a Conversational AI / Chatbot SaaS platform.
- Developed the web-based realtime Chat Client that integrates easily and transparently into user web sites with a single line of code.
- Part of the core product team, worked closely with UI/UX Designers, Product Owners, and Software Engineers taking the product from idea to fully-featured platform.
- Carried out production releases, monitored operations and infrastructure, and automated DevOps processes.

Technologies: Javascript (ES6), Vue.js, Vuex, Vue Router, Nuxt.js, Bulma, Sass, HTML5, socket.io, Websockets, REST API, JSON, Python, Flask, Docker, Kubernetes, Google Cloud, Zeit/Vercel

Tools: Slack, JIRA, Confluence, GitHub, GitHub Actions, IntelliJ, Abstract, Storybook, Cypress, Jest, Sentry

Methodologies: Iterative Development, Agile (SCRUM, Kanban), Component-based Development, DevOps, Continuous Integration & Deployment

Full-Stack Software Engineer

UBS Jul 2017 – Apr 2019 Zurich

- Lead Frontend Engineer, oversaw web application development and architecture.
- Worked closely with UI/UX Designers and clients; conducted design workshops and product demos. Mentored Junior Software Engineers.
- Designed, built, and maintained Cloud infrastructure (Amazon Web Services, AWS). Orchestrated containerized applications in a microservices fashion.
- Setup Continuous Integration and Continuous Deployment pipelines as well as monitoring and alerting to enable a DevOps approach.
- Advised, coached, and presented tech talks to business and IT stakeholders regarding Cloud adoption and Cloud-first development.

Technologies: Typescript, Javascript (ES6), Angular (4+), NgRx (Redux), RxJS, Bootstrap, Karma, Jasmine, AWS, Terraform, Docker, REST API, JSON, gRPC, Java 8 EE, Spring, Spring Boot, Redis

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

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

EDUCATION

BSc Computer Science

Fernfachhochschule Schweiz (FFHS)
Sept 2017 – present

Berufsmatura

Bildungszentrum Zürichsee (BZZ)
Aug 2009 – Aug 2013

Informatiker EFZ

Software Development

Bildungszentrum Zürichsee (BZZ)
Aug 2009 – Aug 2013

STRENGTHS

Truly Full-Stack

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

Doer

I enjoy getting my hands dirty and am always up to a challenge.

Quick Learner

I can quickly learn and adapt to new domains and foreign technology.

Eye for Details

I enjoy taking care of the small details to deliver a fantastic customer experience from start to finish.

Full-Stack Software Engineer

mimacom Oct 2016 – Jun 2017 Zurich & Berne

- On-site technical consulting for Software Engineering projects, specialized in Frontend Development.
- Full-Stack development of prototypes and tools. In-house and on-site at the client.
- Provided development capacity and bug fixes for projects nearing deadline or with tight resources.

Selected Projects:

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

Technologies: Java 8 (EE), Spring, Spring Boot, Apache Maven, AngularJS, Angular (2+), Typescript, Javascript (ES6), Karma, Jasmine, Protractor, CucumberJS, REST API, JSON, SOAP, Oracle, MySQL, Elasticsearch

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

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

Full-Stack Software Engineer

Fides Treasury Services Aug 2013 – Oct 2016 Zurich

- Lead Frontend Engineer and web expert on flagship products used by customers worldwide.
- 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.
- 3rd level support of legacy applications.

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

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

Methodologies: Extreme Programming, Agile (SCRUM), Waterfall, Test Driven Development, Service Oriented Architecture

CERTIFICATIONS

Certified Professional for Requirements Engineering

International Requirements Engineering Board (IREB)

Elasticsearch Engineer I

elastic

BankFIT: Banking and Financial Education for IT

Center for Young Professionals in Banking (CYP)

PERSONAL PROJECTS

nome.io

Co-Founder & CTO

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

Stage

Software Engineer & Designer
October 2009 – January 2011

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

iPhone360

Editor in Chief
August 2008 – February 2011

- Weblog about Apple ecosystem and iOS apps.
- 1.9 mio total page views, 1000 daily visitors.

Junior Software Engineer (Apprentice)

Swisscard AECS Nov 2012 – Aug 2013 Zurich, Switzerland

- Intern as part of Credit Suisse Apprenticeship program.
- Developed web application for credit card risk scoring based on statistical models.
- Developed an application to correct discrepancies and inconsistencies of credit card and transaction data.
- Maintained and improved various backend applications and tools for credit card payment processing.

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

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

Methodologies: Extreme Programming, Test Driven Development, Service Oriented Architecture

Junior Software Engineer (Apprentice)

Credit Suisse Aug 2009 – Nov 2012 Zurich, Switzerland

- Developed software modules and applications for error handling, tracing, and reporting for IBM z/OS mainframe systems used in end-of-day processing.
- Maintained and continued development on a web application used to test 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

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

LANGUAGES

German



English



French



INTERESTS

- Photography
- Traveling
- Cooking
- Video Games
- Technology

REFERENCES

On request.