

Stéphane Bisinger

Software Engineer

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About

Software Engineer on the web and the cloud since year 2000. From Single Page Applications to Streaming Data Pipelines, I love facing tough challenges, finding viable solutions and ensuring the highest level of quality.

Experience

Rentouch GmbH Senior Software Engineer

September 2020 - Present
(1 Year, 6 Months)

🌐 <https://www.piplanning.io>

Rentouch develops the piplanning app; a virtual solution that allows companies to hold SAFe PI planning sessions remotely. It is a whiteboard with stickies that can be synchronized to Jira/Azure DevOps/Rally written in Vue and backed by Python-based microservices. Updates are synchronized in real time through persistent WebSocket connections.

- Introduced the idea of a styleguide and generic reusable components to consolidate the various widgets.
- Added tests and helped the team familiarize with approaches and tools to make tests more descriptive and maintainable.
- Improved the security of the Docker images and the authorization code. This includes the creation of Proof-of-Concepts to demonstrate the potential issue.
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42talents GmbH Software Crafter

April 2020 - June 2020
(3 Months)

🌐 <https://42talents.com>

Software Crafter, trainer and coach for 42talents. Focused on frontend development, web performance, serverless architectures and extreme programming.

- Optimized the performance and SEO of the main website.
- Developed a Proof-of-Concept for a web shop with Strapi and a static site generator.
- Prepared teaching materials and introductions for workshops.
- Technologies used: Strapi (nodejs), eleventy (nodejs), middleman (ruby)

Homegate AG
Senior Software Engineer

August 2018 - March 2020
(1 Year, 8 Months)

📄 <https://www.homegate.ch>

Homegate is one of the biggest marketplaces for properties and apartments in Switzerland.

- Worked on the reengineering of the Product Display Page and Search Alerts.
- Introduced new ideas into the teams to improve the effectiveness of our work, such as Pair Programming, Continuous Delivery and Trunk-Based Development
- Improved observability of the applications by introducing tools like Datadog and Sentry
- Worked on automation of all tasks, including production deployments and quality checks.
- Solved complex problems like Server-Side Rendering and Code Splitting in a serverless context.
- Helped the team split tasks in small deliverables with fast iterations.
- Took care of leading the technical decisions in collaboration with the rest of the team.
- Held a course on Webpack for the TX Academy.
- Technologies used: AWS, nodejs, webpack, Vue.js, NoSQL, Serverless

siroop AG
Senior Software Engineer

February 2018 - July 2018
(6 Months)

📄 <https://www.siroop.ch>

siroop was an online marketplace for Switzerland

- Worked on the streaming data pipeline for product and price updates from merchants.
- Rewrote Lambdas to process category information to simplify code and support additional languages.
- Refactored a Flask API to be able to switch between DynamoDB and Elasticsearch as source for data.
- Wrote an alternative consumer for product data reading from RabbitMQ.
- Took a leading role in the analysis, planning and implementation of the promotion concept.
- Technologies used: AWS, nodejs, Python, Django, RabbitMQ, NoSQL, PostgreSQL

Renuo AG
Full Stack Developer

November 2016 - February 2018
(1 Year, 4 Months)

📄 <https://www.renuo.ch>

Renuo is a web agency specialized in Ruby on Rails and Angular. Among my duties and accomplishments are:

- The development of a Ruby on Rails and Angular 2 single page application for a big insurance company.
- Taking responsibility for all the servers, reorganizing them and promoting a shift towards a cloud/serverless architecture.
- Training interns and junior developers through pair programming, live coding and presentations.
- Technologies used: Ruby on Rails, Angular, HTML5, CSS3, PostgreSQL

Vendini
Senior Software Engineer

July 2015 - September 2016
(1 Year, 3 Months)

🔗 <https://vendini.com/>

TeamSystem SpA
Senior Software Engineer

May 2013 - June 2015
(2 Years, 1 Month)

🔗 <https://www.teamsystem.com/>

Various positions
Software Engineer

November 2006 - April 2013
(6 Years, 5 Months)

Education

Università di Bologna
Bachelor
Information Technology

2003 - 2010

Skills

Backend Development
Master

Python Ruby on Rails PostgreSQL

Frontend Development
Master

Javascript Vue.js React Webpack HTML 5 CSS 3

AWS
Advanced

DynamoDB Lambda SQS Serverless

Agile
Advanced

TDD Pair Programming CI/CD

Languages

Italian French English German
Native speaker Native speaker Very fluent Around C1 level

