

Stéphane Bisinger

Software Engineer

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Software Engineer with a variety of experiences both on the frontend and backend side of applications. I enjoy working in self-organizing teams who take ownership of the product they develop and work in a collaborative environment.

SKILLS

Backend

Development

Python Ruby on Rails Node

PostgreSQL MongoDB

Kubernetes

Frontend

Development

Javascript Vue.js Vite

Webpack HTML CSS

AWS

DynamoDB Lambda SQS

Serverless

Agile

Test-Driven Development

Pair Programming

Continuous Delivery

WORK EXPERIENCE (8)

Senior Software Engineer at Rentouch GmbH

Sep 2020 - Current

<https://www.piplanning.io>

Rentouch develops the piplanning app, which enables SAFe PI planning sessions remotely. It is a whiteboard with stickies that can be synchronized to Jira/Azure DevOps/Rally.

- Developed the frontend applications while creating a library of shared, reusable components documented in a styleguide.
- Added functionalities and optimized existing code in the Python microservices.
- Gradually migrated the messaging system from WAMP to NATS
- Introduced several practices to improve quality and speed of development, like a living styleguide, reusable components and maintainable tests.
- Improved the security of the application. This includes the creation of Proof-of-Concepts to demonstrate the potential issue.
- Helped both business and development side to apply the Pareto principle and release with an incremental approach.
- Introduced concepts and tools to improve the observability of the system. This includes error reporting, automatic tracing and collection of metrics.
- Technologies used: Python, Javascript/Typescript, Vue, Kubernetes, Websockets, PostgreSQL, MongoDB

Software Crafter at 42talents GmbH

Apr 2020 - Jun 2020

<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)

Senior Software Engineer at Homegate AG

Aug 2018 - Mar 2020

🔗 <https://www.homegate.ch>

Homegate is one of the biggest marketplaces for properties and apartments in Switzerland. I was part of the teams reengineering the notification system for new properties and the product display page.

- Guided the team to achieve Continuous Delivery with automated QA, pair programming, fast iterations and complete automation.
- Started the journey to observability through tools like Datadog and Sentry.
- Solved complex and novel problems like Server-Side Rendering and Code Splitting in a serverless context.
- Lead 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, NoSQL, Serverless

Senior Software Engineer at siroop AG

Feb 2018 - Jul 2018

🔗 <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 the pipeline to process product categories and support internationalization.
- Refactored a Flask API to be able to switch between DynamoDB and Elasticsearch as source for data.
- Wrote an alternative endpoint for product data using RabbitMQ as a source.
- Took a leading role in the analysis, planning and implementation of a product promotion.
- Technologies used: AWS, nodejs, Python, Django, RabbitMQ, NoSQL, PostgreSQL

Full Stack Developer at Renuo AG

Nov 2016 - Feb 2018

🔗 <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, HTML, CSS, PostgreSQL

Senior Software Engineer at Vendini

Jul 2015 - Sep 2016

🔗 <https://vendini.com/>

Senior Software Engineer at TeamSystem SpA

May 2013 - Jun 2015

🔗 <https://www.teamssystem.com/>

Software Engineer at Various positions

Nov 2006 - Apr 2013

EDUCATION (1)

Bachelor Information Technology at Università di Bologna

2003 - 2010

Italian

Native speaker

French

Native speaker

English

Very fluent

German

Around C1 level