Stéphane Bisinger

Software Engineer

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Kjir (https://github.com/Kjir) Kjir (https://gitlab.com/Kjir)

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

Sep 2020 - Current
Senior Software Engineer at Rentouch GmbH

https://www.piplanning.io (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

Apr 2020 - Jun 2020
Software Crafter at 42talents GmbH

https://42talents.com (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)

Aug 2018 - Mar 2020
Senior Software Engineer at Homegate AG

https://www.homegate.ch (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

Feb 2018 - Jul 2018
Senior Software Engineer at siroop AG
[↗] https://www.siroop.ch (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 entrypoint 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

Nov 2016 - Feb 2018
Full Stack Developer at Renuo AG
[↗] https://www.renuo.ch (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

Jul 2015 - Sep 2016
Senior Software Engineer at Vendini
[↗] https://vendini.com/ (https://vendini.com/)

May 2013 - Jun 2015
Senior Software Engineer at TeamSystem SpA
[↗] https://www.teamsystem.com/ (https://www.teamsystem.com/)

Nov 2006 - Apr 2013
Software Engineer at Various positions

EDUCATION

Bachelor Information Technology at Università di Bologna
2003 - 2010

LANGUAGES

Italian
Native speaker

French
Native speaker

English
Very fluent

German
Around C1 level