

STEFANO SELLO

Senior Software Engineer

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📍 Treviso, Italy

🌐 github.com/stefanosello

📅 November 1997

🌐 /in/stefano-sello

SUMMARY

Senior software engineer with a strong background in backend development and distributed systems, both in microservices / event-driven architectures and in sustainable monolithic solutions. Experienced in leading small teams, designing scalable systems, and delivering high-impact features in fast-paced environments.

SKILLS

Languages: Ruby, Javascript/Typescript, SQL, HTML5/CSS3, C#

Toolbox: Ruby on Rails, Vue.js, PostgreSQL, MySQL, Kubernetes, AWS, RabbitMQ, .NET

Key Strengths: System design, scalability, security, TDD, developer productivity & AI tooling

EXPERIENCE

05/25 - now

Senior Backend Developer

iubenda

- Participated in the maintenance and feature development of the main product's billing system, being a principal actor in the architectural transition from a monolith to an event-driven microservices environment based on kafka.
- Contributed to code quality standards, code reviews and architectural reviews in an agile/SCRUM development team.
- Improved team development velocity by evaluating and integrating AI-assisted coding tools (Cursor, Claude Code) into existing workflows.

Ruby on Rails / Kafka / MySQL / Kubernetes / Cursor / Claude Code

09/23 - 04/25

Backend Engineering Lead

Var Group

- Led the design and implementation of a decentralized database synchronization system using .NET microservices, RabbitMQ, and GCP, enhancing data consistency and reducing operational bottlenecks.
- Led a team of three to refactor and develop the back-end for a proprietary ERP product, using .NET microservices deployed on a Kubernetes cluster. This new architecture resulted in a 140% increase in API throughput compared to the previous infrastructure.

C# / .NET / GCP / Kubernetes / RabbitMQ

01/23 - 09/23

Full Stack Developer

7Pixel

- Contributed to the development of new features and maintenance of **trovaprezzi.it**.
- Applied test-driven development (TDD) practices to maintain high code quality and system integrity.

Ruby on Rails / Unit and integration testing (RSpec) / PostgreSQL / Docker / SEO

11/18 - 12/22

Full Stack Developer

H-FARM

- Played a pivotal role in developing the Fandom CMS, implementing features such as real-time user interactions via WebSockets, which markedly enhanced user engagement. Furthermore, a custom search engine was designed and integrated, achieving significant improvement in the precision and coherence.

Ruby on Rails / Vue.js / AWS / HTML5-CSS3 / SASS

OPEN SOURCE & PROTOTYPES

C#, .NET

DotNetJsonApiClient

GitHub repository

Designed to streamline integration with APIs built following the `json:api` specification, this project offers a clean and efficient interface for API calls, enhancing resource management and simplifying interactions.

Ruby

Arbac verifier

GitHub repository

Developed a prototype tool for solving ARBAC reachability issues using ruby.

EDUCATION

11/19 - 10/23

Master's degree in Computer Science - EQF 7

Ca' Foscari University of Venice

Specialized in advanced software engineering topics, including cybersecurity, performance optimization, and algorithmic efficiency.

09/16 - 10/19

Bachelor's degree in Computer Science - EQF 6

Ca' Foscari University of Venice

Developed a strong foundation in functional and object-oriented programming, database management, and data analysis.

LANGUAGES

English - fluent, Italian - native