







# Mauro Cherchi

## Senior Full-Stack Software Eng.

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Meticulous Software Engineer with 10 years of professional experience in dozens of projects.  
Highly customer-focused and Agile ambassador.  
Strong can-do and continuous-improvement attitude with a marked curiosity and predisposition to experimentation, exploration, and getting things done.

### PROFESSIONAL EXPERIENCE

#### Amastar Srl, Berlin (DE), 08.2023 - 02.2024

I've contributed to the development of Amastar's first Business Intelligence application for Amazon sellers.

I've joined the existing team and helped with the implementation of the first version of Amastar's Web App.

##### Key accomplishments:

- Implemented the integration with Amazon Selling Partner APIs
- Secured database migration management with the introduction of Flyway

##### Skills

###### Front-end

ReactJS, npm.

###### Back-end

Kotlin, Spring Boot, REST APIs, Amazon Selling Partner APIs, Postgres, Hibernate, Flyway, Maven.

###### Platform

Docker, Heroku, GitHub.



**Stefano Boffi** · 1st  
CEO at Amastar Srl

February 15, 2024, Stefano was Mauro's client

Working with Mauro has been a pleasure. He gave a huge contribution on the development of Amastar, our first Business Intelligence application thought for the Amazon sellers. We struggled during the recruiting, but finally we found Mauro who boosted both the backend and the frontend of the app. We are really grateful!



#### Language Learning Web App (ongoing project)

An online web app powered by AI designed to support language learners. Born from my own need to learn German, I've later made it available at <https://rosetta.maurocherchi.com> and am continuously evolving it.

##### Skills

###### Front-end

UI & UX design, Figma, Ionic  
React - TypeScript, i18next

The solution is completely serverless and leverages the latest technologies available in the field of Large Language Models.

*Key accomplishments:*

- UI & UX design, implementation, and distribution of the Web App.
- Made available the game as an installable application on Mobile and Desktop devices (PWA).
- Implemented serverless backend on AWS and React Front End.
- Developed a fully responsive and cross-platform app (iOS, Android, Web) using the Ionic framework.



### Cloud Software Engineer (Back-End focus)

*Deutsche Niederlassung der FRIDAY Insurance S. A., Berlin (DE), 2020 - 2023*

I contributed to several aspects of building FRIDAY's Insurance platform following Enterprise Integration Patterns and leveraging the most recent Cloud technologies like Kubernetes, and Pub/Sub services. I also became part of the QA guild and actively researched, defined, and fostered a "quality first" mindset and practices.

*Key accomplishments:*

- Led the development of a new microservice and the maintenance of several others for integrating with external software and improving marketing metrics.
- Implemented the event-driven architecture that enables the marketing team to increase sales and improve customer engagement.
- Enhanced knowledge sharing and standardized practices at FRIDAY by authoring multiple guides, including one on developing new micro-services.
- Helped all the teams where I've been to become more Agile and united, work better, and deliver more.

Localization, Google Analytics, Web APIs, npm.

*Back-end*

Python, OpenAI, LLM, Speech Recognition, Prompt Engineering.

*Platform*

AWS serverless architecture, Infrastructure as a Code (AWS CDK), GitHub.

### Skills

*Front-end*

ReactJS, npm.

*Back-end*

Java, Kotlin, SOA, Messaging systems, Event-driven architectures, REST & RPC APIs, Apache Camel, Test Automation, Gradle, Maven.

*Platform*

AWS infrastructure, Terraform, Docker, Kubernetes, Helm, Prometheus, Grafana, Sentry, GitLab, CI/CD pipelines.

*Other*

Team leading, Scrum.



**Mirco Poretti** · 1st

Software Engineer at FRIDAY Insurance

February 2, 2024, Mirco worked with Mauro on the same team

Mauro is a highly skilled Software Engineer who values simplicity and effectiveness in his code. He's adept at crafting solutions that meet current needs without overcomplicating things. He also has a keen eye for anticipating future changes, ensuring his work remains adaptable and scalable over time. Moreover, his strong sense of leadership and responsibility make him a natural choice to drive projects toward success.



## Agile SW Project Manager / Senior Consultant

GetConnected Agile Transformation, Business Unit of GRUPPO EURIS SpA, Bologna (IT), 2017 - 2020

During this experience, I worked with several companies managing and facilitating the adoption of Atlassian tools, custom software, and Agile practices.

More about this role: <https://maurocherchi.com/agile-coach-and-pm/>

### Skills

Scrum, Kanban, Backlog refinement, Velocity tracking, Negotiation, Conflict resolution, Stakeholder engagement, Value-driven delivery, Team leading, Mentoring.



## Software Developer

GetConnected Srl. Bologna (IT), 2014 - 2018

During my first experience as a full-time software developer, I worked mainly on two web applications: LDR and PCA. Concurrently I developed several Atlassian Add-ons for Jira and Confluence.

Key accomplishments:

- Took ownership of CI/CD aspects within the project (Bitbucket & Bamboo).
- Redesigned the calculation engine on the PCA. The new design drastically reduced the work required to add new functionalities and maintain the engine itself.
- Using SQL tuning techniques I reduced by 60% the time required by the main data-synchronization stored procedure (PL/SQL) on the LDR Oracle Database.
- Refactored and published the second release of the Project Monitor Add-on on the Atlassian marketplace.

### Skills

#### Front-end

JavaScript, JQuery, Mustache JS, Draw.IO.

#### Back-end

Atlassian plugin development, Java, Spring, JSP, Apache Struts, OSGi, Oracle DB, Groovy, Maven, Apache Ant, Bash.

#### Platform

Bare-metal servers, SSH, Putty, Git, Bitbucket, Bamboo pipelines, SVN.

## EDUCATION & LANGUAGES

### Bachelor's degree in Software Engineering

University of Bologna (IT), 2010 - 2016.

### Secondary school diploma in accounting

Istituto tecnico superiore E. Fermi di Ozieri

Italian: Native

English: C1

German: B1 (learning)



## CERTIFICATIONS

- AWS Certified Cloud Practitioner
- AWS Certified Developer
- AWS Certified Architect
- Atlassian Certified Jira Administrator
- Atlassian Certified Confluence Administrator
- PMI Agile Certified Practitioner (PMI-ACP)
- Certified Scrum Product Owner (CSPO)
- Kanban Management Professional
- Certified LeSS Practitioner
- Scrum@Scale Practitioner