



RICCARDO SARTORI

JUNIOR SOFTWARE ENGINEER

CONTACT



rikki.sarto@gmail.com



<https://riccardosartori.it>



<https://github.com/SartoRiccardo>



<https://linkedin.com/in/riccardo-sartori-64601b286/>

TECHNICAL SKILLS

- **Languages:** Python, Javascript, Typescript, SQL, Java, PHP
- **Frameworks/Tools:** React, Node.js, Next.js, Docker, Git, Discord.py, aiohttp, Pytest, Cypress
- **Technologies:** RESTful APIs, Microservices, PostgreSQL, MySQL, Linux/Unix, Server-Side Rendering, Search Engine Optimization, Wordpress, Nginx, Unit, Integration and E2E Testing, Lumen, Redux

PROFESSIONAL EXPERIENCE

Lead Programmer @ Bloons TD 6 Maplist — August 2024 - March 2025

Website for a community of players of a game to categorize, play and curate a list of custom-made levels.

- Created a responsive website using React and Next.js
- Created a RESTful API with Python and PostgreSQL
- Self-hosted using a VPS, Git and Docker
- Automated testing of frontend and backend with Pytest and Cypress
- Used external APIs for authentication and additional data

Lead Programmer @ Practiquemos — March 2020 - November 2020

Quiz-like web-based application for learning spanish.

- Created a responsive website using React
- Created a RESTful API with PHP, Lumen and MySQL
- Integrated with external APIs to handle sales and refunds

IT Systems Engineer Intern @ NetSysCo. — June 2019 - July 2019

IT support to big and small businesses.

- Provided technical support (hardware and software) to multiple businesses
- Tested hardware for projects about raising awareness for pollution in the ocean

PROJECT EXPERIENCE

Fumo Face Maker — June 2024 - August 2024

Web application to generate files for embroidery machines by combining individual parts.

- Full-stack responsive website using React, Next.js and Python
- Studied, read and wrote binary files for embroidery machines

PandeHelper — November 2023 - Present

Discord Bot to help users coordinate within in-game teams, used by hundreds of people.

- Many features such as image manipulation and integration with third-party APIs
- Developed and published an open-source Python package to work on this project and help others who might need something similar (bloonspy)
- Made an extremely simple CMS with React and Next.js to illustrate to users the bot's features
- Used a PostgreSQL database for permanent data storage

EDUCATION

University of Trento, Trento, Italy — 2025

Bachelor's Degree in Computer Science

ITIS Guglielmo Marconi, Verona, Italy — 2020

High School Diploma with specialization in Computer Science

ADDITIONAL SKILLS

- **Soft Skills:**
 - Fast-learner — Learned new languages and frameworks from scratch in 2 weeks or less
 - Results-oriented — Learned and employed new technologies to improve robustness and quality of projects
 - Receptive to feedback — Quickly received and acted on feedback on professional and hobby projects.
- **Spoken languages:** Italian (native), Spanish (native), English (proficient)