# MANUEL CEPPI

## Software Engineer

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https://github.com/ManuelCeppi

## Skills

Backend: PHP (Laravel), Typescript (Node.js), .NET (C#), Python, MySQL, PostgreSQL, MSSQL

DevOps: AWS, AWS Lambda, EC2, ECS, RDS SQS, SNS, CloudFormation, CodeBuild, GitHub Actions, Docker, Docker Compose

Frontend: Vue.js (Composition & Options API), React.js

## Summary

With 6 years of professional experience, I've had the opportunity to work on diverse projects and technologies, collaborating with various IT businesses and software development teams. This exposure has honed my ability to work with others right from the start of my career. Beyond technical skills, I bring a strong emphasis on building positive team relationships and fostering an environment of empathy, understanding, and respect. I strive to understand the unique perspectives of my colleagues, seeing it as essential to developing effective and resilient teams.

## Experience

### @Freelance Software Engineer
Remote, Italy | 01/2025 - Present

- Building a finance investment ranker dashboard in a team of two (Personal Project) that manages 10 years worth of financial data;
- Supporting a Computer Vision startup on its early phase as a Full Stack Engineer;
- Spot collaborations for Landing pages and ecommerce;

### @Side Projects / Certifications / Personal Growth
Remote, Italy | 09/2024 - 12/2024

- Successfully developed an MVP (Backend) for a startup idea in GenAI with only the prompting costs, from the technical aspects to building and thinking about a sustainable business model; Built a business plan to present to potential investors, with the partnership of an Italian Business angel;
- Improved my knowledge on DSA / Cloud / Design patterns;
- I also took a moment for my self, relaxing and being unemployed for a bit;

### @Spiagge.it
Remote, Italy | 08/2022 - 09/2024

- Led the end-to-end integration of TeamSystem ERP to manage accounts payable/receivable, automating invoice creation and streamlining administrative workflows.
- Developed a system using Stripe webhooks to automate tracking and invoicing for connected account payouts, generating up to 1,000 invoices weekly during peak seasons.
- Designed a refund management system with a back-office interface, integrated with Stripe's refund APIs, enhancing processing speed by 50% (no more double checks on Stripe Dashboard).
- Built a compliant third-party invoicing system, saving ~500k€ in anticipated VAT taxes.
- Contributed to the migration to serverless and microservices architecture, reducing errors by 10-15% in payments, invoices, and refunds.

### @Fortech S.r.l.
Rimini, Italy | 12/2021 - 08/2022

- Improved warehouse management by reducing errors by 15% through architectural and graphic refactoring for EniCafés;
- Enhanced performance by 30% implementing a master/slave service architecture and backend caching patterns to reduce database queries;

### @Horsa DevLab (previously Wedo S.R.L)
Cesena, Italy | 01/2018 - 12/2021

- Contributed as a full-stack developer to the refactoring and commercial deployment preparation of a business travel web application, built with Angular (2) and .NET Core;

## Languages

English  Advanced     Italian  Native

## Education

### Blaise Pascal Technical Institute - Cesena, Italy
Computer Science Diploma