

# Enea Guidi | Software Engineer

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## PROFESSIONAL SUMMARY

Software Engineer with a strong background in startups and other fast paced environments. Experienced in leading teams and delivering high-quality solutions under strict deadlines. Proven expertise in modernizing core banking systems, managing cross-functional interactions and prioritizing tasks to meet business objectives. Passionate about leveraging technology to drive innovation and building inspiring products.

## PROFESSIONAL EXPERIENCE

### Team Leader | Core Systems & BaaS | BKN301 | January 2024 - Present

- Led a team of six to refactor and modernize legacy banking systems essential for wire transfers, bank accounts, card management and AML compliance. Supported one of Italy's leading Fintechs during a major migration, in order to integrate a new provider while ensuring minimal service disruption.
- Developed **301core**, a suite of services managing and abstracting away all core banking processes, exposing them through a simple and coherent interface and facilitating smooth transitions between systems for financial institutions.
- Developed the **BaaS** platform, offering essential services like **Realtime Updates**, **Authorization** and **Strong Customer Authentication (SCA)** as well as **Document Management** to allow other teams to focus only on the clients' business logic.

### Software Engineer | Blockchain and R&D | BKN301 | October 2022 - December 2023

- Developed **301chain**, a **Closed Payment Circuit (CPC)** built on the **Stellar** blockchain, supporting over \$500 million in annual transaction volume.
- Created **301xb**, a cross-border payment solution using blockchain and leveraging existing providers to reduce costs and speed up international payments.
- Led the development of **301stablecoin**, a multi-pegged algorithmic stablecoin backed by regional FIAT currencies, tested it with real-world data from regions such as **MENA**, **LATAM**, and **ASEAN**. Collaborated with economics and statistics professors from Università di Pavia to design and test the algorithm.

### Freelancer | March 2022 - Present

- Maintained and improved a **legacy codebase** critical for production continuity and future market expansion for an Italian furniture store. Ensured stability while implementing key updates to support **scalability** in a highly competitive industry.
- Bootstrapped a **SaaS** platform for decentralized communities for a Web3 startup and launched **NFT** collections on Solana and Ethereum.

### Fullstack Developer | Botika Srl | March 2021 - September 2022

- Developed and scaled **Meeters**, a web platform to organize digital fairs during Coronavirus pandemic, serving international fairs and over 7,000+ concurrent users.
- Developed tailored solutions for clients, aligning with their business requirements while prioritizing cost efficiency and accelerated delivery timelines.

## EDUCATION

### Bachelor of Science in Computer Science | Università di Bologna | 2022

- Graduated with final evaluation of 108/110, GDA (27/30)

## EXPERT-LEVEL SKILLS

**Languages:** C# - Golang - Python - Typescript - Javascript

**Frameworks:** Nest.js - .NET Core - Next.js - React - Gin - Fast API

**Technologies:** GitHub Actions - Terraform - Docker - PostgreSQL - RabbitMQ

**Skills:** Backend - Frontend - Blockchain - Team Management - System Design