

Andrea Raccagni

Middle Full-Stack Developer

SUMMARY

Full-Stack Developer with 4 years of experience in Vue.js, TypeScript, and NestJS. Core contributor to a platform with 1.3M+ monthly users, delivering end-to-end features from database to UI. Sole maintainer of open-source projects with 280K+ monthly users, including blockchain explorers and AI media platforms. Expertise in building scalable backend services with NestJS, Prisma, PostgreSQL, and Docker. Skilled in AI integration, async job queues, rate limiting, and complex UI components like TipTap WYSIWYG editor.

TECHNICAL SKILLS

Main Technical Skills	Vue.js (4 yr.), TypeScript (3 yr.), JavaScript (4 yr.)
Programming Languages	JavaScript (4 yr.), Python (1 yr.), TypeScript (3 yr.)
JavaScript Frameworks	NestJS (2 yr.), Node.js (2 yr.), Vue.js (4 yr.)
JavaScript Libraries and Tools	Pinia (3 yr.)
Databases & Management Systems / ORM	PostgreSQL (2 yr.), Prisma ORM (2 yr.)
UI Frameworks, Libraries, and Browsers	Tailwind CSS (3 yr.)
QA, Test Automation, Security	Cypress, Vitest
Virtualization, Containers and Orchestration	Docker (1 yr.)
Version Control	Git (4 yr.)
Other Technical Skills	Vue Test Utils

WORK EXPERIENCE

Freelance Full Stack Web Developer - PeakD & Peak.Open

Duration: Sep 2023 – Present

Summary:

- Developed an AI media generation platform supporting image, video, and audio generation with multiple provider abstraction, async job queue, rate limiting, and payment verification

- The platform integrates frontend and backend features to deliver AI-generated media content

Responsibilities:

- Owned architecture decisions across frontend and backend features in a 2-person distributed team.
- Designed and built the NestJS backend with provider abstraction and async job queue.
- Developed Vue 2 frontend supporting multiple media types generation.
- Built backend services with NestJS and Prisma including REST APIs, data modeling, PostgreSQL, and Docker deployment.
- Designed a badge automation service refactored to a config-driven rule engine adopted by additional teams.
- Shipped platform-wide features including configurable notification system, in-app shop with subscriptions, wallet redesign, and auto-voting rules engine.

Technologies: NestJS, TypeScript, Vue, Prisma, PostgreSQL, Docker

Freelance Front end developer - Peak.Open (Peak.Open Platform)

Duration: Apr 2022 – Aug 2023

Summary:

- Contributed as a core UI developer to the Peak
- Open platform, building data visualization pages, implementing app-wide dark mode, and creating backend integrations for node health monitoring
- The platform serves a large user base with real-time data and operational features

Responsibilities:

- Built data visualization pages from scratch.
- Implemented app-wide dark mode.
- Created an operations filtering system.
- Added backend integrations for node health monitoring.
- Built an auto-switching system for backend nodes based on health metrics API with manual override.
- Contributed to architectural planning across frontend and backend components.

Technologies: Vue.js, TypeScript

EDUCATION

- **MSc, Molecular Cell Biology**
Università degli Studi di Milano – Milan, Italy

