Alessandro Avallone

Frontend & Full-stack Developer

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PROFILE

I'm Alessandro, a Meta-certified frontend developer. I work mostly with React and TypeScript, and I'm just as comfortable on the backend with Node.js, NestJS and PostgreSQL.

At work I ship applications for healthcare, universities, travel and hospitality: portals with SPID/CIE and SSO authentication, multi-tenant platforms, payment integrations and complex workflows, always backed by tests and CI pipelines.

EXPERIENCE

Frontend & Full-stack Developer — Area D Digital Space
2025 - present
Frontend and full-stack development of applications for healthcare, universities, travel and hospitality: complex React SPAs, multi-tenant platforms, payment integrations, SPID/CIE and SSO authentication, tests and CI pipelines.

PROJECTS

Hamlet Guard

Concept, game design and full development

A pixel-art tower defense game you can play in the browser and on your phone.

TypeScript · React 19 · PixiJS · bitECS · Zustand

Calmind

Design and full-stack development

A PWA for calm, focus and sleep with immersive soundscapes.

TypeScript · React 19 · Vite · Tailwind CSS · Motion

Salon booking app

Design and full-stack development (in progress)

A mobile app for a salon's clients and staff: bookings, loyalty and calendar.

TypeScript · React Native · Expo · TanStack Query · Zustand

Social media management suite

Lead full-stack developer

An agency's internal platform to plan, approve and publish posts across five social networks.

TypeScript · NestJS · TypeORM · PostgreSQL · RabbitMQ

Multi-tenant SaaS and headless CMS

Full-stack developer: admin panel, bookings, payments and the frontends of several sites

A single platform powering the websites of multiple travel and hospitality clients.

TypeScript · Next.js 14 · React 19 · Express · Prisma

Agency website with a page builder

Full-stack developer (consolidation, security and quality)

An immersive showcase site with a block-based CMS: I led its consolidation phase.

TypeScript · React 19 · Vite · Tailwind CSS 4 · GSAP

University management system

Frontend developer

The full lifecycle of research assignments, from request to contract.

TypeScript · React 18 · Vite · Redux Toolkit · Tailwind CSS

Hospital administration portal

Lead frontend developer

The content back office behind a public hospital's patient app.

TypeScript · React 19 · Vite · Redux Toolkit · TanStack Query

Home care management system

Frontend developer

Coordinating caregivers, patients and offices for a home healthcare company.

`React` `Redux Toolkit` `PrimeReact` `Tailwind CSS` `Chart.js`

Technical inspections portal

Frontend developer

Planning and traceability for inspections of lifting and pressure equipment.

`React` `Redux Toolkit` `PrimeReact` `Tailwind CSS` `Axios`

SKILLS

Frontend: React 18/19, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Vite

UI & motion: Tailwind CSS, shadcn/ui, PrimeReact, Material UI, GSAP, Motion, PixiJS, Three.js

Cloud & DevOps: Docker, GitLab CI, GitHub Actions, Cloudflare Workers, Nginx

State & data: Redux Toolkit, TanStack Query, Zustand, React Hook Form, Zod

Backend: Node.js, Express, NestJS, Prisma, TypeORM, PostgreSQL, MongoDB, RabbitMQ, Firebase

Quality & tools: Vitest, Jest, Testing Library, Playwright, WCAG, Git, Figma, OpenAPI

EDUCATION

Meta Front-End Developer Professional Certificate — Coursera

Java Developer — IT Consulting

Java & IoT Academy — Generazione Vincente

LANGUAGES

Italian — native · English — basic