Marius-Vasile Cozma

Full-Stack / Backend Engineer

Contact details

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📍 Timisoara, Romania

📅 11 Jan 2003, 22 y.o.

in 🐙

Key Skills

Backend:
- NestJS
- PostgreSQL
- MongoDB
- Node.js
- Auth
- RESTful API Development
- Redis Caching

Frontend:
- React
- Vite
- TanStack Libraries
- Next.js
- TailwindCSS
- shadcn UI
- TailwindCSS

DevOps:
- Github Actions
- Docker
- AWS(EC2, Lambda, S3, RDS)

Other:
- Typescript
- Git Version Control
- Testing(Jest, Playwright)
- DSA

Hobbies

Work experience

Junior Full-Stack Developer
Feb 2025 - present

Lagrange Engineering SRL

Description

Lagrange Engineering is a Romanian company which specializes in custom Web App Development. As a Full-Stack Developer my responsabilities are:
- Designing and building Web Applications using NestJS, PostgreSQL/ MongoDB, Passport, TypeORM while using API Security's best practices, alongside colleagues according to the client's specifications.
- Designing and building user interfaces using React(Vite, Next.js or TanStack Start depending on the application) and API integration, focusing on user experience and client's specifications.
- Creating tests that ensures that the code quality meets the client's standards, while keeping the codebase testable and maintainable.
- Creting CI/CD pipelines with Github Actions, Docker and chosen Cloud Providers(AWS, Azure, Railway, Vercel) ensuring seamless testable deployments from development to production.

Freelance Web Developer
Jan 2024 - Feb 2025

Self-Employed

Description

As a freelance web developer I mostly developed simple web pages and a few apps, but more front-end oriented, using serverless solutions like Supabase for SQL and Firebase for NoSQL. When I started out I made vanilla HTML, CSS and Javascript web pages for friends and other people I knew, then I started learning React and other libraries and frameworks that helped me build more complex projects for actual clients.

-- My past career --

Industrial Automation Engineer
Sep 2022 - Feb 2024

TPS Industry SRL, Atlantis Project SRL

Description

Before my career in Tech, I worked as an Industrial Automation Engineer, started when I was 18 years old, following my college major's field(Industrial Engineering). In this time I have worked for two companies: Trocprim Serv SRL and Atlantis Project SRL, but the position consisted of the same

- Swimming
- Fishing
- Running/Jogging
- Swimming
- Snowboarding
- Playing guitar

Languages

- Romanian - Native
- English - Professional

responsabilities:
- Industrial process automation equipment and devices design and implementation specific to the client's requirements.
- 3D design pneumatic and electrical diagrams and technical documentation for the equipment.
- Programming PLCs(programmable logic controllers) and industrial robot integration and programming.
- Physical mounting, CNC machining and electrical wiring of the equipment.

Education

Engineer's Degree
Polytehnic University of Timisoara

Sep 2021 - Jul 2026

Computer Science Highschool Diploma
Periam Highschool

Sep 2017 - Jun 2021

Featured Projects

NovaWorks Ecommerce

Full Ecommerce Website - Lagrange Engineering

Ongoing

NovaWorks is a shop for 3D printed parts and custom 3D printing. The project constists of a full ecommerce website for their products, custom quotation for user's 3d uploaded parts, full control admin dashboard over the filtering system, front page updates, categories and products, i18n for Ro/En locales. The app is currently being developed with NestJS, PostgreSQL, TypeORM for the backend and Next.js, TailwindCSS, TanStack Query, shadcn for the frontend. Unit test run on jest, and integration and e2e tests run on playwright.The CI/CD pipeline runs on GitHub Actions and the production provider will be AWS, with local server backups.

MEDIS

Medical conference custom app - Lagrange Engineering

https://medistm.ro

Medis is a Romanian medical conference which needed an app to sell their tickets, and manage the workshop allocation for users and a landing page. The app is frontend oriented, built with Next.js, with TailwindCSS. Supabase is used for the database and for sensitive business logic we use edge functions. For the payment provider, by the client's preference, the app uses EuPlatesc integrated API. The project is closed source and Lagrange Engineering's property.