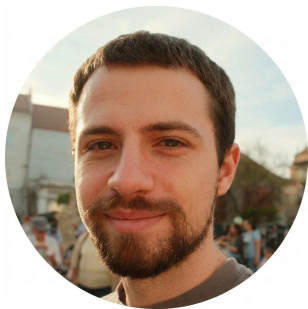




Mihai Nicolae

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I like to consider myself an engineer, rather than a frameworker. Over time, I had fun with different programming languages and frameworks. I am enthusiastic about learning by doing and I am committed to putting in the effort to continuously improve my skills. I also love to have creative freedom, make independent judgments, and live up to the responsibility that comes with that freedom. I code for fun, so besides the job I have worked on diverse personal projects that involved TypeScript, React, Python, Golang, Next.js and all sorts of things.

In the past year I've been actively growing my expertise with the newest AI tools and MCP servers. Integrating and optimizing development workflows.

EXPERIENCE

Self Employed

Apr 2024 - Present

remote, Romania

- Worked at property management software for an US based company: integrated different SSO providers for authentication, new features, bugfixes and refactorings. Improving response times with profiling tools, SQL queries, etc. (Stack: PHP 8.3 Laravel 10&12, [Vue.js](#), Redis, PostgreSQL, AWS Infrastructure)
- For German parking webshop: implemented various online payment method systems:, 3rd party APIs, admin panels (Stack: PHP 7.0.33 with FlowFramework, Apache, MySQL 8.0.40, Hetzner Cloud)
- Created a B2B custom webshop for asphalt materials from 0 (Stack: PHP 8.2 with Sylus 1.13, MySQL, DigitalOcean Cloud)
- Focused on speed of iteration and deliverability

Senior Backend Developer (PHP)

Oct 2025 - Present

FameUp, remote, Romania

- Constantly shipping new features on the API side
- Implemented from scratch an automatic agentic bug-fixing: bugs get reported on Slack by Support/Sales teams, and agent picks it up, fixes, tests, and devs only merge
- Improved CI/CD for Agentic development: automatic development on merge, parallelised tests, PHP Stan Max Level, Code Rabbit AI Review, created agent skills for entire team to set a standard for agentic development

- Implemented new business features like creator referral, gamification for content creators, barter collaborations

Senior Backend Developer (PHP with Golang & Python) Jul 2023 - Oct 2025

freshful.ro (eMAG), remote, Romania

- Improved and reorganized pipeline jobs, tests and static code analysis gaining almost 50% decrease of runtime, reducing costs with the infrastructure by implementing paratest, fixture base database for testing and isolating elasticsearch indexes on pipeline
- Started working with Golang and Python and implemented an OR Tool algorithm for assigning drivers on orders to lower the overtime and idle time of the drivers. Lowering costs of orders delivery by 37%.
- Conducted technical analysis for big projects within the team and proposed scalable and simple solutions to complex problems.
- Coordinated frontend and QA teams as technical owner from the backend side in several projects (OTP phone verification, customer vouchers, cookies, new promotions)
- Improved response times and overall performances using profiling tools such as NewRelic, fixing critical bugs and reducing network usage
- Refactored the existing code whenever I could, in order to be easier to understand and maintain
- Getting involved with AWS infrastructure, Kubernetes, Prometheus and Grafana. Working with Redis, RabbitMQ, Elasticsearch.

PHP Developer

Sep 2021 - Jul 2023

NetRom Software, Craiova & Timisoara, Romania

- Developed and maintained highly scalable PHP applications for an online retailer that was targeting 44 countries across the world
- Built and maintained internal REST Node.JS microservices
- Integrated new third-party APIs into the current application
- Improved current product functionalities by reducing the response time of usual flows
- Worked closely with clients to understand their requirements and provide technical guidance and support throughout the project lifecycle.

SKILLS

PHP, Symfony, Laravel, Typescript, React, API Platform, Kubernetes, AWS, Zend Framework, Drupal, JavaScript, Next.JS, Golang, Prometheus, Cursor AI, Claude Code, MCP Tools, Prompt Engineering, AI Implementation, Node.js, MySQL, PostgreSQL, Redis, Couchbase, Linux, Docker, Git, RabbitMQ, API Integrations, OOP, SOLID Principles, Design Patterns, Elasticsearch, Python, Go Language, Terraform, API, Prototyping

SIDE PROJECTS

- agri24.ro (development for a friend)

Agricultural platform for farm efficiency. Developed as a part time project, with the following tech stack: NestJS with Fastify for backend, [Next.js](https://nextjs.org/) (TypeScript) for frontend, Redis, PostgreSQL, N8N for automation stuff, Docker

PERSONAL PROJECTS

- elivo.ro

Worked on elivo.ro for around 6 months in my spare time, implementing a complete and working telemedicine web application. Enabling patients across the entire country to book medical services from top tier verified specialists no matter their location. The specialists are able to manage all their clients only from within the elivo app, with features like: anamnesis, RMN uploads, Google Calendar sync, integrated payments into their Stripe accounts, integrated videocalls, live chats with patients etc. Some third party integrations include: DailyCo, Zoom, Twilio, Google Calendar, Stripe, Resend, StreamChat. Tech stack: Fastify (NestJS), [Next.js](https://nextjs.org/), Material UI, PostgreSQL, Redis, BullMQ, Rybbit.

EDUCATION

Masters in Software Engineering (in English)

Oct 2023 - Jun 2025

Politehnica University of Timișoara, România

The master's courses cover a wide array of essential topics in software engineering. These include advanced research areas such as software engineering methodologies, cloud computing foundations and DevOps. My coursework also encompassed advanced database management and distributed application development, providing me with an understanding of modern software engineering practices.

Bachelor of Science (B.S.) - Computer Engineering Technology

Oct 2018 - Jul 2022

Faculty of Automation, Computers And Electronics, Craiova, România

During my undergraduate studies, I gained proficiency in Compiler Design, Object-Oriented Programming, and Databases. These courses provided me with a solid understanding of language translation, software design principles, and database management.

National College “Frații Buzzești”

Sep 2014 - Jun 2018

Craiova, România