Nikola Mihajlović

Software Engineer

nikola.mihajlovic5@yahoo.com•Belgrade, Serbia•LinkedIn

Experienced software engineer with expertise in building scalable systems, modern web applications, APIs, and distributed architectures. Passionate about clean code, performance optimization, and developer experience.

Experience

Full Stack Developer | PRESTA

2017 - Present

- Lot of amazing projects in a previous few years, few successfully startups and a lots of different technologies, some of them are mentioned below
- Recently involved in projects for developing modern AI solutions that uses LLM APIs, development of AI Agents and much more
- Led large-scale actively used legacy Laravel project framework upgrade from V5.x to v10.x
- Built Shopify headless architecture using React, Laravel, external CMS, Salesforce, and Stripe, increasing conversion rates and giving ability to centralize many different client stores in one single store
- Designed and developed image caching solution for a website that has ~400K unique monthly visitors following the best practice for site speed and using Cloudflare solutions. This led to around 1TB of monthly saved paid bandwidth.
- Involved in development of the Scratch winning game with US Patented winning algorithm
- Built user platform and API for managing vertical farming products with integrated payment and subscriptions
- Led migration to microservices architecture, improving system scalability

Freelance developer, contractor | HOLEST ENGINEERING

2015 - 2017

- Worked on the online payment integration currently used on many domestic website
- Developed custom WordPress plugins and modules using PHP and SQL, tailored to client requirements.
- Built e-commerce solutions including Shopify integrations and WooCommerce customizations. - Provided technical support and customization for WordPress themes.
- Delivered end-to-end solutions from concept to production.

Skills

Languages: PHP, JavaScript/TypeScript, Python, SQL(NoSQL)...
Frameworks, Libraries, Tools & APIs: Laravel, React, Next.js, Node.js(Nest.js), Docker, Kubernetes,

Redis, AWS, Cloudflare, OpenAPI, Shopify API, SalesForce, Stripe, Auth0...

Architecture: Microservices, REST APIs, Serverless, Headless CMS, API Design, System Design, DB modeling

Additional: Strong interest in server architecture, OOP concepts, design patterns, and distributed systems including caching, queues, and job processing.

Education

Bachelor's degree

University of Belgrade,
Faculty of Mathematics - <u>Informatics</u> | 2010 - 2016

High school

Electrotechnical High School
"Rade Končar" - <u>Computer Engineering Technician</u> | 2006 - 2010