

IVAN MEDVED

Senior Full Stack Developer

@ auro1995525@gmail.com

github.com/Auro1995525

Zagreb, Croatia

15 May 1995

SUMMARY

Experienced Full Stack Web Developer with over 8 years of proven expertise designing, developing, and maintaining scalable web applications across Finance, Healthcare, E-commerce, and IT sectors. Skilled in building secure, high-performance solutions using modern technologies like React.js, Laravel, Node.js, and AWS cloud infrastructure. Adept at integrating complex APIs, implementing robust authentication systems, and ensuring compliance with industry standards such as GDPR and PSD2. Strong collaborator with cross-functional teams, passionate about delivering user-centric applications that drive business growth and enhance operational efficiency. Seeking to leverage deep technical skills and industry knowledge to contribute to innovative web projects in a dynamic European tech environment.

EXPERIENCE

Senior Full Stack Developer

Fininfo

05/2022 - 07/2025 Zagreb, Croatia

Fininfo is an online platform that provides detailed business, financial, and credit rating information for companies in Croatia, helping users make informed business decisions.

- Improved MySQL and MongoDB query performance by 35%, enabling faster transactions and scalable backend operations through optimized APIs and services built with Node.js and Laravel (PHP).
- Achieved 99.99% uptime by architecting and managing resilient AWS infrastructure (EC2, RDS, Lambda, S3, CloudWatch), implementing auto-scaling policies, and monitoring performance in real time.
- Cut release times by 70% by building GitLab CI/CD pipelines that automated testing, deployments, and code quality enforcement with ESLint, Prettier, and structured peer reviews.
- Delivered zero-downtime releases by containerizing microservices with Docker, orchestrating production deployments using Kubernetes (EKS), and applying blue-green deployment strategies.
- Reduced financial risk exposure by implementing machine learning-driven fraud detection algorithms, integrated directly into payment processing flows to flag suspicious activity in real time.
- Enhanced user satisfaction and retention by designing responsive, cross-platform front-end interfaces using React.js, Vue.js, and state management tools (Redux, Vuex) for consistent performance on desktop and mobile.
- Enabled secure, high-volume financial transactions by developing robust, fault-tolerant APIs and microservices integrating Stripe, PayPal, SEPA Direct Debit, and local Croatian banking APIs.

Full Stack Developer

SYNLAB Hrvatska - poliklinika

01/2020 - 04/2022 Zagreb, Croatia

SYNLAB Hrvatska is a polyclinic specializing in medical-laboratory diagnostics. It is part of the international SYNLAB group, a major provider of diagnostic services in Europe.

- Developed a secure telemedicine platform compliant with GDPR and HIPAA, serving 10,000+ active users across Croatia.
- Designed scalable backend APIs using Laravel (PHP) and PostgreSQL, integrating external healthcare systems via HL7 and FHIR standards.
- Built responsive front-end applications with React.js and Material UI, enhancing user experience for patients and healthcare providers.
- Integrated real-time video consultations using WebRTC, increasing telehealth adoption by 35%.
- Implemented secure authentication and authorization with OAuth2, JWT, RBAC, and Multi-Factor Authentication.
- Automated testing with PHPUnit and Jest, achieving 85%+ coverage and reducing production bugs.
- Managed deployments on AWS ECS with infrastructure-as-code using CloudFormation, ensuring scalable and reliable cloud infrastructure.

SKILLS

Programming Languages

JavaScript PHP Python

Frontend

React.js Vue.js HTML5 CSS3

Bootstrap Material UI jQuery

WebRTC

Backend

Node.js Laravel

RESTful API Development

Databases

MySQL PostgreSQL MongoDB

DevOps & Cloud

AWS Docker Kubernetes

GitLab CI/CD Ansible

Version Control

GitLab GitHub

Testing

PHPUnit Jest ESLint

Payment & Integration

Stripe PayPal SEPA Direct Debit

HL7 FHIR

Authentication & Security

Role-Based Access Control JWT

Multi-Factor Authentication OAuth2

GDPR Compliance

EXPERIENCE

Web Developer

AG Media

08/2018 - 12/2019 Zagreb, Croatia

AG media is a web design and development studio in Zagreb, Croatia, founded in 2005. They specialize in creating custom websites and e-commerce solutions, and also offer branding services like logo design.

- Developed and maintained over 25 e-commerce websites using Shopify, WooCommerce, and Laravel PHP frameworks.
- Integrated payment gateways (Stripe, PayPal) and shipping APIs (DHL, GLS).
- Improved website performance using caching (Redis), CDN (Cloudflare), and responsive design (Bootstrap 4).
- Led legacy site migrations to Laravel, improving code quality and speed.
- Collaborated with marketing and UX teams to deliver campaigns and landing pages.

Web Developer

Beap

10/2017 - 07/2018 Zagreb, Croatia

Beap is a digital design and development studio that was founded in Zagreb, Croatia, in 2016. The company focuses on creating web and mobile experiences for businesses of all sizes. As a small team of experienced professionals, Beap aims to deliver significant results in a short amount of time.

- Developed web applications using PHP (Laravel 4/5), JavaScript (jQuery), and MySQL.
- Built responsive front-ends with HTML5, CSS3, and Bootstrap 3.
- Created RESTful APIs and integrated third-party services, deploying apps on Windows Server and Linux (Ubuntu) using AWS EC2 and Google Cloud.

EDUCATION

B.S. Computer Science

University of Zagreb

09/2013 - 08/2017 Zagreb, HR

GPA

4.13 / 5.0