Slaven Sakačić

Senior Full-Stack Developer

Location: Zagreb, Croatia
Phone: +385 916146634
Email: slavensakacic@gmail.com
Website: slav.hr

PROFESSIONAL SUMMARY

Senior Full-Stack Developer with 10+ years of experience architecting and delivering enterprise-scale web applications. Expert in PHP (Laravel, Symfony, Fat Free), modern JavaScript frameworks (React, Nuxt.js, Vue.js, Node.js), cloud platforms (AWS, Azure, GCP), and microservices architecture. Proven track record of leading development teams, complex system development, driving successful acquisitions, and optimizing system performance for high-traffic applications. Passionate about clean code, scalable solutions, AI tools use and mentoring engineering teams.

Software & Cloud Engineering: Full-Stack Development · Microservices · Cloud Architecture · Scalability · DevOps

Data & AI: Big Data Solutions · Data Science · Advanced SQL & Database Optimization · Data Visualisation · AI Integration & Tools

Leadership & Methodology: Team Leadership · Agile/Scrum Project Management

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TECHNICAL EXPERTISE

Languages: JavaScript/TypeScript, PHP, Python, Java(Android Development), SQL, Bash, CSS,
Frontend: React, Vue.js, Nuxt.js, Angular, jQuery, HTML5, CSS3/Sass/Less, Bootstrap, Vuetify…
Backend: Fat-Free (F3), Symfony, Node.js, Laravel, Python, Express, Lumen, CodeIgniter, Seneca.js…
Databases: MySQL, MongoDB, SQLite, PostgreSQL, Vespa.ai, Complex SQL Query Optimization…
Cloud & DevOps: AWS (EC2, S3, Lambda), Microsoft Azure, Google Cloud Platform, Docker, Jenkins, Ansible, Vagrant…
Tools & Practices: Git, Jira, REST APIs, Microservices, Unit/Integration Testing, CI/CD, Agile/Scrum, Cursor, Sublime text 3, Visual Studio Code, Claude Code…

PROFESSIONAL EXPERIENCE

Senior Software Developer, ESG & Data Intelligence – R&D, Remote
EcoOnline Global | January 2023 – July 2025

- Development of a ESG GHG module using PHP, enabling companies to efficiently report and aggregate sustainability data

- Led a cross-functional team to innovate features for high-profile clients including Intel and Canon

- Enhanced software capabilities to support carbon accounting and compliance with emerging sustainability regulations

- Collaborated across teams within a large enterprise of 700+ employees

- Spearheaded AWS cloud migration initiative, reducing infrastructure costs by 40% while improving system performance

Senior Full-Stack Developer to Managing Director
Biome.net to biome.ecoonline.net (Acquired by EcoOnline) | November 2019 – January 2023

- Led development of environmental monitoring SaaS platform that resulted in successful acquisition by EcoOnline for $1.2 Million, serving Fortune 500 clients including Intel and Canon

- Architected and implemented scalable backend solutions using PHP and MySQL with optimized complex queries handling large sets of data points

- Managed cross-functional team of 3 developers, implementing Agile methodologies and ensuring on-time delivery of all sprints

- Built dynamic reporting engine with real-time data visualization using Highcharts, processing large datasets with sub-second response times

- Developed complex algorithms for environmental data analysis and automated report generation

- Post-acquisition: Led integration of Biome platform into EcoOnline ecosystem, collaborating with multiple international teams

Senior Full-Stack Developer (Freelance)
VoxGig Limited | May 2019 – October 2019

- Designed and implemented microservices architecture using Node.js and Seneca.js framework

- Built real-time Twitter streaming analytics platform processing millions of tweets using Python scrapers and Vespa.ai big data engine

- Leveraged Google Cloud Platform services for scalable data processing and storage

- Created interactive data visualization dashboards with real-time graph updates

- Integrated multiple third-party APIs and services into existing microservices ecosystem

Lead Senior Full-Stack Developer
Popertee | September 2017 – April 2019

- Founded and led technical development from inception to becoming major player in Ireland's & UK popup retail space market, with a leading presence in Dublin

- Architected full-stack application using Laravel, Vue.js, React, and Vuetify, managing team of 3 developers, data scientist & testers

- Developed the first global data platform that applied data science and acquired datasets to connect brands with spaces, enabling precise targeting and measurement for short-term retail and marketing campaigns

- Implemented SEO-optimized server-side rendering by migrating to Nuxt.js, increasing organic traffic by 150%

- Developed proprietary Python-based data science algorithms for trademarked calculations on large datasets

- Orchestrated system migration from Microsoft Azure to AWS, optimizing resource utilization and reducing costs

- Built automated web scraping solutions and internal CMS platform, improving operational efficiency by 60%

- Implemented CI/CD pipeline using Jenkins and Ansible for automated deployments

- Mentored junior developers and established coding standards and best practices

Senior Full-Stack Web & Android Developer
Gauss Development | November 2015 – July 2017

- Delivered 15+ commercial projects simultaneously using Agile/Scrum methodology

- React applications development

- Developed scalable web applications using Laravel, Angular.js, TypeScript, Node.js, and Vue.js & many more technologies. Mostly dependant on what the project was already based on.

- Major contributor to development of The Croatian Chamber of Economy website hgk.hr using Laravel framework

- Created RESTful APIs using Lumen framework for mobile application integration

- Built native Android applications using Java and Android SDK

- Integrated payment systems (PayPal, Stripe) and third-party services (Twilio, OAuth)

- Implemented comprehensive unit and integration testing strategies

- Mentored team of junior developers and conducted code reviews

- Led client communications with international stakeholders, gathering requirements and providing technical consultation

Full-Stack Developer
Hand Studio | October 2015 – December 2015

- Developed custom CMS platform using Laravel ecosystem with multi-authentication system

- Built responsive frontend interfaces using modern JavaScript and CSS frameworks

- Managed full project lifecycle from requirements gathering to deployment

- Collaborated directly with clients for iterative development and feedback cycles

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MAJOR ACHIEVEMENTS & PROJECTS

- **Biome Acquisition Success:** Core developer of SaaS platform acquired by EcoOnline for $1.2 Million, a leading EHS software company

- **Led the technical development of Popertee**, major player in Ireland's & UK popup retail space market

- **Croatian Chamber of Economy (hgk.hr):** Senior developer for complete website redesign and custom CMS implementation with Laravel

- **Croatian Academic & Research Network (meduza.carnet.hr):** Architected and developed full-stack web application

- **Alliantranslate.com:** Built API infrastructure for iOS mobile integration and modernized legacy PHP codebase

- **Venezialines.com:** Developed custom booking system with third-party API integration on WordPress platform

- **Master's Thesis Project:** Created adaptive online test generator with machine learning algorithms using Laravel and JavaScript

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EDUCATION

Master of Engineering in Computing and Information Technology

Faculty of Electrical Engineering, Computing and Information Technology | 2012 - 2015
Graduated Magna Cum Laude

Bachelor of Science in Computer Programming

Faculty of Electrical Engineering, Computing and Information Technology Osijek | 2008 - 2012
Graduated Magna Cum Laude

Electronics Technician Certification

Electro-Technical High School Osijek | 2001 - 2006

ADDITIONAL INFORMATION

- **Certifications:** Currently pursuing AI/ML certifications

- **Languages:** English (Bilingual), Croatian (Native)

- **Interests:** Ultra-marathon runner (UTMB finisher, 100k races), Cycling, Mountaineering, Technology innovation, AI driven

- **Location:** EU citizen based in Zagreb, Croatia | Available for remote and on-site positions

- **Other:** Full driving license | Owner of craft business in Croatia (Freelance worker)

REFERENCES

Available upon request to protect privacy of individuals involved.

- Gary Morgan, Founder & CEO Biome.net, VP of Product @EcoOnline

- Danny Morey, VP R&D @EcoOnline

- Gearoid Coughlan, Full Stack Engineer, Dublin, Ireland

- Richard Rodger, Founder & CEO, VoxGig Limited

- Lucinda Kelly, Founder & CEO, Popertee