

Dejan Zivanov

Senior Fullstack Developer

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📍 Pancevo, Serbia



EXPERIENCE

Fullstack Developer

MSA IP LAW

📅 11/2025 - present 📍 Belgrade, Serbia

- Designed and implemented a high-performance Dual-Database Synchronization System bridging heterogeneous database architectures (Microsoft SQL Server and MySQL) to ensure real-time and asynchronous data consistency for critical IP assets.
- Engineered a custom SQL Transpiler & Migration Engine in Python that dynamically compiles and translates heavy MySQL database dumps into Microsoft SQL Server compatible T-SQL. Handled complex data type mappings zero-date sanitization, and bit-default normalization.
- Built a Resilient Fault-Tolerant Infrastructure by implementing the Circuit Breaker pattern to prevent cascading failures during database/network outages, along with a robust Job Failure Recovery pipeline supporting single, bulk, and parameter-customizable retries.
- Designed a Dual-Strategy Indexing Compiler that dynamically evaluates column nullability to generate optimized Filtered Indexes in MSSQL and auto-configures IGNORE_DUP_KEY unique indexes to silently bypass trailing-space duplicate conflicts.
- Architected a Self-Healing & Reconciliation Engine featuring automated background jobs and a deterministic PHP matcher that actively scans, plucks, and repairs data drift between MSSQL and MySQL records.
- Developed a Real-Time Admin Control Center using a modern stack featuring granular audit logs, WebSocket-backed progress tracking with automated fallbacks, and manual reconciliation controls.

Fullstack Developer

Paragraf Lex

📅 06/2023 - 11/2025 📍 Belgrade, Serbia

- Directed a team of 4 developers by streamlining task allocation and managing deadlines, resulting in a 30% boost in project delivery efficiency.
- Optimized system performance to minimize downtime and enhance reliability, ensuring consistent service availability.
- Enhanced user experience by refining design elements and interface intuitiveness, driving higher user satisfaction.
- Forecasted timelines and tracked milestones, which improved on-time deliverables by 30%.
- Conducted code reviews and mentored interns, elevating code quality and accelerating technical skill development.
- Standardized development workflows by implementing best practices, reducing process inefficiencies.
- Led client briefings to provide updates and capture requirements, aligning project outcomes with stakeholder expectations.
- Balanced managerial duties with hands-on coding, ensuring continuous technical support for the team.
- Collaborated with Marketing to create a newsletter service by designing email templates that increased successful inbox delivery.
- Partnered with Finance to automate industry-specific invoicing and payment processing, streamlining financial operations.
- Implemented a secure closed login system with two-factor authentication using Google Authenticator, fortifying account protection.
- Engineered scalable database architecture by designing tables and migration scripts to support future system growth.
- Developed a responsive login landing page using Vue.js to enhance user interface accessibility.
- Integrated Laravel-based newsletter and email services to ensure timely, reliable communication with users.
- Streamlined user registration with email verification, boosting account security and user trust.
- Automated data export and log generation based on user activity, improving system monitoring and troubleshooting.
- Crafted optimized SQL queries for validating user inputs, ensuring data integrity and system stability.
- Tailored role-based access permissions and implemented Vue.js components to deliver dynamic, role-specific frontend functionalities.
- Engineered a comprehensive role-based access control system using Laravel's built-in features to differentiate admin, moderator, and regular user roles, safeguarding sensitive operations.

Junior Fullstack Developer

IT Development

01/2018 - 11/2020 Pancevo, Serbia

- Integrated in-house microservices with third-party modules, boosting project scalability by 16%.
- Collaborated with a lead developer and five team members to streamline full-stack efforts, cutting delivery times by 13%.
- Improved code maintainability across three frontend projects, reducing technical debt by 14%.
- Mentored teammates and the team leader in full-stack development, increasing team productivity by 10%.
- Built a custom WordPress theme in PHP per artist guidelines, driving user engagement up by 7%.
- Developed a Linux mail service with Roundcube, reducing downtime by 9%.
- Set up Google Analytics to track page views and hits, boosting overall traffic by 3%.
- Created a user-friendly search system using jQuery, improving search accuracy by 11%.
- Integrated a filtering system per third-party requirements, refining data output by 8%.
- Leveraged ACF PRO for advanced content management, streamlining workflow efficiency by 12%.

Steel Detailer

Steelplan

01/2014 - 12/2016 Pancevo, Serbia

- Spearheaded structural steel design with an 8-member team, streamlining collaboration by 12%.
- Developed detailed 3D models and 2D drawings for the SCA Salzburg Center, enhancing design clarity by 11%.
- Partnered with a Civil Engineer to implement robust safety measures, reducing risks by 7%.
- Led the Center for Promotion of Science project in Serbia, achieving key milestones 9% ahead of schedule.

Game Developer

Delani Studio

01/2014 - 12/2016 Pancevo, Serbia

- Developed over 10 Flash games using ActionScript 3 and object-oriented programming to create modular, scalable game architectures.
- Converted Flash games into mobile apps to broaden the audience and adapt to evolving market demands.
- Collaborated with artists and sound designers to integrate dynamic multimedia features that enriched the gaming experience.
- Negotiated publishing agreements with partners, securing favorable terms and expanding market reach.
- Strengthened coding proficiency by mastering fundamental OOP principles, leading to cleaner and more efficient code.

EDUCATION

42 Wolfsburg

Associate of Computer Science, Software Engineering

42 Wolfsburg, Wolfsburg, Germany, 2021 - 2023

High school of Mechanical Engineering

High School "Pancevo"

2007 - 2011 Pancevo, Serbia

SKILLS

PHP MySQL CODEX CSS HTML SSMS LARAVEL VUEJS SASS GIT JQUERY LINUX AI
CLAUDE C MSSQL C++ DEVOPS DOCKER MICROSERVICES REST API JAVASCRIPT MARIADB

LANGUAGES

Serbian
Native




English
Native



German
Beginner



FIND ME ONLINE

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