Nemanja Radulović

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Experience

Full Stack Developer, Chainapp Technologies - Belgrade, Serbia   **April 2024 – Present**
- Developed multiple web applications using Node.js (Strapi headless CMS), Next.js and PostgreSQL databases.
- Worked on integrating payment functionality with support for both crypto wallets and Stripe payment.
- Added Web3Auth integration to enable crypto wallet creation, then generated and encrypted Cardano blockchain keys to allow users to securely participate in decentralized voting through the Summons platform.
- Implemented a Kafka-based publisher/subscriber communication layer between a web application and Hubspot CMS to ensure real-time, decoupled data synchronization and event-driven workflows.
- Engineered an NFT-based badge system leveraging blockchain technologies (CIP-68 standard) to enhance membership management and user engagement.
- Managed Docker Compose files for deploying applications on AWS and Qovery.

Full Stack Developer, Insicon – Belgrade, Serbia   **Apil 2022 – April 2024**
- Developed and maintained an in-house web application serving insurance companies across the Nordic region, utilizing C# .NET, Angular, and SQL Server (T-SQL).
- Migrated the web application to a cloud-based, multi-tenant architecture
- Helped implement new features, such as the invoicing system, the notification system.
- Worked on upgrades of frameworks, including migrating .NET from version 4.8 to 8 and Angular from version 8 incrementally to version 16, and optimized SQL stored procedures to significantly enhance application performance.
- Integrated Azure Redis Cache and Azure Key Vault for caching and securely managing application secrets.
- Configure Microsoft Azure DevOps tasks and scripts that deploy the application on client servers.

Full Stack Developer at Public Cloud sector, Saga – Belgrade, Serbia   **February 2020 – April 2022**
- Implemented Microsoft Identity Manager to automate identity lifecycle management across both cloud (Azure Active Directory) and on-premise (Active Directory) datacenter platforms.
- Maintained the WPF application "One Stop Shop" for the Central Registry of Compulsory Social Insurance.
- Migrated SharePoint on-premises to SharePoint Online, and used React to construct client-side web components to integrate with other applications in the system.
- Integrated Power Bi and Power Automate into SharePoint websites to make file synchronization and automate tasks.

Junior .NET Backend Software Developer, Saga – Belgrade, Serbia   **July 2018 – February 2020**
- Developed and maintained RESTful APIs using C# and ASP.NET for high-impact government applications (National Employment Service, Ministry of Education, Ministry of Internal Affairs), while also contributing to an in-house framework by improving authorization workflows, building code generators, and enhancing database schema via T-SQL stored procedures.

Master of Science in Software Engineering and Computer Science
Faculty of Organizational Sciences, University of Belgrade, Serbia   2021 - 2022

Bachelor of Science in Information Systems and Technology
Faculty of Organizational Sciences, University of Belgrade, Serbia   2009 - 2018

Certifications & Publications

Microsoft Certifications: Azure Fundamentals – AZ-900   February 2021

Best Practices in Writing Unit Tests for the .NET Framework, Presented at the Conference, Banja Koviljača, Serbia, September 20–23, 2021. Published in the SYM-OP-IS Proceedings, September 23, 2021.

Transformation of the Database Logical Schema: From a Relational (T-SQL) Model to a Document-Oriented MongoDB, Presented at the SYM-OP-IS 2022 Conference, Vrnjačka Banja, Serbia, September 19–22, 2022. Published in the Proceedings, September 22, 2022.