

Milan Vukmanovic

FullStack Developer

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PROFESSIONAL SUMMARY

- I am an experienced Software Engineer with over 7 years of experience in IT and software development, with a passion for creating innovative and scalable web solutions using .NET technologies, Python and Go.
- I have a proven track record in the computer software industry, focusing on full-stack development and software infrastructure. With a Bachelor's degree in Computer Science, I possess a solid understanding of software design patterns and architectural principles.
- I am highly skilled in various programming languages and have hands-on experience not only in implementing different Software Development Life Cycles (SDLC) but also in maintaining both production and development servers.
- I am a team player who values communication, collaboration, and quality.
- I enjoy investigating and implementing solutions using best practices, and I strive to keep my code well-documented. My goal is to excel in software engineering and contribute to the success of my company and clients.

TECHNICAL PROFICIENCIES

Programming Languages

C#, Python, GoLang, JavaScript, TypeScript, SQL, HTML5, CSS3

Frameworks/Libraries

ASP.NET Core, ASP.NET MVC, Django, FastAPI, .NET framework, React.js, React Native, Angular, Vue.js

API Development

RESTful APIs, GraphQL, API Gateway, OAuth

Database Technologies

Microsoft SQL Server, MySQL, PostgreSQL, Firebase

Cloud Services

AWS, Azure, Azure Traffic Manager, Docker, Kubernetes

Version Control

Git, GitHub, Bitbucket

Web Development

PWA, Responsive Design, Cross-Browser Compatibility

DevOps

CI/CD Pipelines, Terraform, Docker Containers, Kubernetes Orchestration, Azure DevOps

Agile & Collaboration Tools

JIRA, Trello, Confluence, Slack, Teams

Performance Optimization

Asynchronous programming, Load Balancing, Data Scaling

PROFESSIONAL EXPERIENCE

Software Engineer

Cognitus - Dallas, Texas, United States

Full-time, Contract, Remote | Nov 2024 - Present

Key Responsibilities and Achievements:

- **Full-Stack Development** Played a pivotal role in the enhancement of the AI-driven Contract Lifecycle Management (CLM) platform, LambdaX, which boasts enterprise-grade integration capabilities, a responsive and adaptive user interface, and a robust suite of functionalities tailored for modern contract management workflows.
- **Rich Text Editor Development and integrate into CLM** Architected an advanced Rich Text Editor leveraging the Lexical framework (React), similar to platforms like Google Docs and PandaDoc. This editor incorporates features such as real-time collaborative editing, sophisticated redlining mechanisms, and AI-driven autocomplete functionalities, all seamlessly integrated into the LambdaX ecosystem.
- **AI-Driven Autocomplete and Suggestion Mechanism** Developed and integrated a context-aware autocomplete and suggestion engine within the rich text editor and workflow management tools, significantly optimizing the efficiency of business contract processes through intelligent contextual recommendations and predictive text capabilities.
- **RESTful API Design and Development** Engineered and implemented high-performance RESTful APIs utilizing FastAPI and Django, ensuring seamless interoperability between the Rich Text Editor, Workflow Management panel, and backend services. This design facilitates efficient data exchange, enhances user interactions, and supports scalable architecture.
- **CI/CD Pipeline Implementation** Designed and established a robust Continuous Integration/Continuous Deployment (CI/CD) pipeline utilizing Azure DevOps, which streamlines the development lifecycle, automates testing and deployment processes, and enables efficient migration strategies for continuous delivery of updates and features.

Full Stack Developer

Webiny - United Kingdom

Full-time, Remote | Aug 2022 - Aug 2024

Key Responsibilities and Achievements:

- **Full-Stack Development** Contributed to the development of a student community platform for both web and mobile applications utilizing React.js, React Native, and Firebase. This project facilitated seamless communication and user interaction through real-time data synchronization and efficient state management.
- **Progressive Web Application (PWA)** Engineered a Progressive Web Application for a furniture retailer, delivering an engaging and high-performance shopping experience.

Leveraged React and Service Workers to enable offline access, caching strategies, and responsive design, ensuring optimal performance across devices.

- **Health Monitoring Application** Developed an advanced web and mobile application for health monitoring and fitness coaching, incorporating real-time analytics and RESTful APIs built with Django. This application enables users to track health metrics, providing insights through data visualization and personalized coaching recommendations.
- **Software Architecture** Established comprehensive development guidelines and made strategic architectural decisions based on industry best practices. Focused on scalable systems and modular architecture, utilizing design patterns that promote maintainability and extensibility.
- **DevOps Practices with Terraform** Implemented Infrastructure as Code (IaC) using Terraform to automate the provisioning and management of cloud resources, enhancing deployment efficiency and consistency across development and production environments.
- **Collaboration & Agile Practices** Collaborated closely with cross-functional teams, employing Agile methodologies and participating in Scrum ceremonies to ensure timely project delivery. Fostered a culture of continuous improvement and iterative feedback, optimizing development workflows.

Software Engineer

W-tech - Serbia

Full-time, On-site | March 2020 - Jul 2022

Key Responsibilities and Achievements:

- **Microservices Architecture** Developed distributed microservices in .NET Core with C#, ensuring scalability and high availability through Azure Traffic Manager for global load balancing.
- **Asynchronous Programming & Data Handling** Processed over 1 million daily records using asynchronous programming and GoLang's robust queue structures, optimizing performance for high-volume data.
- **API Development** Created platform APIs for Microsoft Edge extensions, focusing on storage synchronization and persistent messaging, which became essential for extension developers.
- **Data Analysis Tools** Built an internal web application using Python and Django to analyze user search behavior, summarizing key insights for the business.
- **Companion App Development** Developed a C#-based Companion App that provided smartphone insights when connected to Windows desktops, improving device diagnostics and management.

Software Engineering Intern

Civitta - Serbia

Full-time, On-site | July 2019 - March 2020

Key Responsibilities and Achievements:

- **Back-End Development** Designed and built a back-end web service using C#, ASP.NET Core, and Amazon internal frameworks for fulfillment center operators to manage associates' labor capabilities.

- **Database Management** Utilized Oracle SQL databases for efficient and scalable data storage.
- **Front-End Development** Created responsive and dynamic front-end web pages using Angular, React, and Twitter Bootstrap for an improved user experience.
- **UI/UX Feedback Integration** Presented design concepts to engineering and operations teams, incorporating UI/UX feedback to enhance usability.
- **Web Widget Development** Contributed to the development of web widgets for video game landing pages, using JavaScript for improved SEO and user engagement.

EDUCATION

Bachelor's Degree (B.Sc.) in Computer Science
University of Belgrade
April 2015 - March 2019

CETTIFICATIONS

Certified JavaScript Expert
Certified Full-Stack Engineer

HackerRank
Triplebyte