

Nihad Obarcanin

Senior Software Engineer

Austria | Open to Remote Opportunities

LinkedIn: [linkedin.com/in/nobarcanin](https://www.linkedin.com/in/nobarcanin)

Email: nihad.obarcanin@gmail.com | Phone: +43 664 1493395

Professional Summary

Accomplished Senior Software Engineer with over 15 years of experience architecting and delivering innovative web and cloud-native solutions. Demonstrated success in leading cross-functional teams, optimizing cloud infrastructure, and building scalable, high-performance applications. Possesses deep technical expertise in C#, .NET, Angular, React, Node.js, AWS, and Kubernetes, combined with a strong focus on delivering user-centric, high-quality software products. Adaptable, proactive, and committed to continuous improvement and excellence.

Technical Skills

- **Languages:** C#, VB.NET, JavaScript, TypeScript, SQL, HTML, CSS
 - **Frameworks:** Angular, Node.js, ASP.NET MVC, Web API, React.js, React Native
 - **Cloud Platforms:** AWS (Certified Developer, Solutions Architect), Azure, GCP
 - **DevOps / Tools:** Kubernetes (CKAD Certified), Docker, Git
 - **Databases:** SQL Server, MySQL
 - **Methodologies:** Agile, Scrum
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Work Experience

Senior Software Developer & Architect

PLS 3rd Learning (USA) | Educational Technology Provider

Mar 2024 — Present

- Spearheaded the modernization of a legacy PHP-based multi-tenant platform by architecting and implementing a scalable Angular and NestJS solution.
- Designed and secured REST APIs with domain-driven modularization, tenant-specific localization, OpenAPI standardization, and improved concurrency handling.
- Boosted platform performance by 5x through strategic caching, lazy loading, and optimization best practices.

- Developed NPM-packaged shared components, enabling reuse across multiple company projects and accelerating development cycles.
- Built and managed a Kubernetes-based CI/CD pipeline, automating end-to-end workflows from development through production deployment.
- Led a complete UI redesign initiative, ensuring strict alignment with UX/UI standards and significantly enhancing user experience.
- Contributed to market expansion by implementing multi-language support across tenants, opening new sales opportunities.
- Actively influenced technical decisions and architecture reviews while collaborating cross-functionally with product owners and UX teams.

Senior Software Engineer

Greentube (Austria) | Digital Gaming and Entertainment Provider

Jan 2022 — Mar 2024

- Owned and maintained a domain-driven system comprising 56 core API services critical to the gaming platform's operations.
- Designed scalable and optimized APIs, improving system throughput, reliability, and concurrency handling.
- Led a small, agile team responsible for development, monitoring, and support of a high-volume global system.
- Championed engineering best practices through code reviews, mentoring, and technical leadership, supporting the evolution toward cloud-native service infrastructure.

Lead Software Engineer

Panopto (USA) | Secure Video Knowledge Platforms

Apr 2021 — Dec 2021

- Led a cross-functional development team, successfully delivering complex projects within tight deadlines.
- Provided technical leadership in system architecture, design patterns, and cloud deployments.
- Maintained strong collaboration with stakeholders to align technical solutions with business goals.

Lead Software Engineer

Ensemble Video (USA) | Online Video Management Platform

Dec 2013 — Apr 2021

- Played a pivotal role in growing Ensemble Video from a startup into a recognized player in the media streaming market.
- Led the company through its growth and acquisition phase, culminating in a successful acquisition by Panopto.
- Directed end-to-end software development for a media streaming platform used by millions of users.

- Enhanced platform scalability and user experience, resulting in significant growth in usage metrics.
 - Applied agile methodologies to manage project delivery, ensuring consistent and high-quality software releases.
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Certifications

- AWS Certified Developer — Associate | Issued Oct 2023
 - AWS Solutions Architect — Associate | Issued Nov 2023
 - Kubernetes Certified Application Developer (CKAD) | Issued May 2023
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Education

Bachelor of Information Technologies

Džemal Bijedić University, Mostar

Graduated 2009

Core Competencies

- Team Leadership & Mentoring
 - Agile/Scrum Project Management
 - Cloud-Native Application Development
 - Scalable Architecture Design
 - Critical Thinking & Problem Solving
 - Effective Communication & Cross-Functional Collaboration
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