

Tomas Venere

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Full resume at www.tomiwebsites.com/resume

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Summary:

I am a highly motivated and results-oriented Senior Software Engineer with 10+ years of experience building innovative solutions across diverse industries. Proven expertise in full-stack development (React, .NET, C#, SQL, Docker, Kubernetes, CI/CD Pipelines, Terraform), API design and integration, enterprise architecture, and cloud platforms (Azure, AWS). Passionate about mentoring junior developers and fostering a collaborative development environment.

Job Experience

2021-Present - Senior Software Engineer at Alaska Airlines:

- API backend development in .Net, C# for main API services
- Back end in C# for BFF and security layers
- Security and Authentication development and maintenance such as JWT and OAUTH.
- TDD, Sumo logs, serilog, and alert setups for complex logging systems.
- Training and managing new staff on front & back-end Development in different technologies.
- Power BI and Alteryx development to generate Enterprise Reports.
- Architecture development for new greenfield projects.
- AI solutions and GithubCopilot API's refactoring, applying SOLID principles.
- Function app creation and support to sustain different parts of the Mileage Plan technical and business roadmap.
- RDBMS, SQL Development, Azure solutions, Messages Systems such as Service Bus queue
- Docker usage for Prod Containers and Kubernetes setup.
- Service Bus queue and other queue services development.
- Technical System setups involving Graph QL and caching systems such as Redis.
- End-to-end Microsite greenfield development in React, back-end, and .Net layers
- Lead Award Modernization end-to-end algorithm and back-end project
- Monolith enterprise application development and maintenance.
- Unit, Integration, and end-to-end test maintenance for multiple API's and other solutions.
- Algorithm and data structure solutions to improve API performance.
- Partner's API Siebel projects with full end-to-end setup.

2019 - 2021 Software Engineer at Tri-State Memorial Hospital:

- Networking Specialist oriented to HL7 messages.
- Creating and Maintaining back & front end for enterprise website at tristatehospital.org (built-in React.js moved to WordPress, involvement in databases, others).
- Training and managing new staff on front & back-end Development.
- Implementing new solutions for Javascript forms (Logical Ink, Medex, Create !Forms).
- Troubleshooting HL7 messages.
- Developing and maintaining SQL databases.
- Windows Server maintenance for multiple Windows Servers.
- IT solutions and Hardware maintenance.

2019 - Internship as Web/Database developer at Houston Racket Club.

2018: Spanish Tutor and Teaching assistant.

2018: 2D/3D Image analysis Python Specialist

2017: Software Operating System and Kernel Development in native C and C++.

2017 - Front end developer at QwickCharge enterprise.

2017 - Simulators and Virtual Reality projects in Unity.

Education/ Awards

2024 AI Training for .Net Solutions, Copilot, and AI Certificate for end-to-end greenfield projects

2023 Deep Dive Senior Architecture Course for Azure and .Net Enterprises solutions

2023 Lead Senior .Net Course for SOLID principles 2023 PSM Professional Scrum master certification

2023 More than 20 courses in .Net, Java, AWS, Azure, Javascript, and advanced software knowledge

2023 Security Training with Modern Practices and Certification

2022 React Masterclass Course plus Certification 2021 - C# Masterclass Course plus Certification

2020: MCSA Windows Server Specialist, MCSA Networking Specialist

2018: Online Java Course

2018: 3.7 Higher GPA Award

2017: Online PHP/Databases Course 2016: Completed Bachelor's Degree in Computer Science

2016 at USC: D1 full-ride tennis Scholarship 2016: ATP tennis rank 980 in the world

About Me

I dedicated my life to Tennis and Computer Science. While I was a junior player, my greatest tennis achievement was 800 in the world and top 10 in the country.

As a software engineer, I devoted my life to the constant learning of new technology and I had the great pleasure of working on small and big projects over the past 10+ years.