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PROFESSIONAL SUMMARY

Senior Software Engineer with extensive experience in .NET (up to .NET Core 9), React, and modern full-stack architectures. I am skilled at designing scalable applications, guiding cross-functional teams, and ensuring clean, performant code. Passionate about mentoring junior engineers and creating robust full-stack solutions in agile environments.

CORE COMPETENCIES

- **Backend: .NET (5–9), ASP.NET Core, REST APIs, EF/EF Core, C#, F#, Node.js, WebSockets, SignalR, Marten, Serilog, gRPC.**
- **Frontend: React (v16–v19, Hooks), Vue (1–3), Next.js, Nuxt.js, Storybook, Vanilla JS, Knockout.js, Agular 6+, TailwindCSS, custom component libraries.**
- **Architecture & Patterns: Business-driven and Domain-driven design concepts, Command Pattern, Repository & Unit of Work, MVC, MVVM**
- **DevOps & CI/CD: Docker, Kubernetes, GitLab, Azure DevOps, Bitbucket, Octopus, Google Cloud Platform**
- **Testing & Quality: NUnit, xUnit, react-testing-library, Playwright (E2E)**
- **Project Management: Agile/Scrum/Kanban, JIRA, ClickUp, GitFlows**
- **Databases: SQL Server, PostgreSQL, MongoDB, Triggers, Stored Procedures and migratios.**
- **Team Leadership: Mentoring junior developers, cross-functional collaboration, stakeholder communication, task breakdown, one-on-ones, career development and special projects.**

PROFESSIONAL EXPERIENCE

Senior Software Engineer (Full Stack)
MAVERIX AG – Zurich, Switzerland
October 2024 – Present

- **Develop and maintain .NET 9 services (C# and F#) services and modern Vue.js components, handling complex data pipelines for creating and managing structured products in the financial world.**
- **Built an internal UI component library to accelerate front-end development across teams.**
- **Own release management, ensuring smooth communication and detailed release notes.**
- **Refactor data models and databases for consistent and normalized structures.**
- **Oversee continuous delivery pipelines with Nomad, Neko build, and GitLab.**

Senior Software Engineer
Fintama AG (External at Bank Julius Baer) – Zurich, Switzerland
Feb 2023 – September 2024

- **Developed Java (SE, EE, Spring Boot) back-end systems and modern React (17/18) front-end for high-traffic/data back-office banking applications.**

- **Created and maintained an internal UI component library (using Rollup, Storybook).**

- **Migrated Material UI (v5 to v6) and streamlined data flows from RxJS/react-query to simpler Redux-Thunk solution.**

- **Introduced lazy loading, improving routing and data loading performance significantly.**

- **Managed continuous delivery pipelines using Octopus and Bitbucket.**

Senior Software Engineer
Covario AG – Zug, Switzerland
Mar 2021 – Jan 2023

- **Built real-time React front-end features with SignalR for an online trading platform, handling high-concurrency, multi-window data feeds like Bloomberg Terminal (Electron – React).**

- **Led front-end technical requirements, breakdown and implementation coordination.**

- **Created admin portals and internal tools to support complex business logic.**

- **Created client facing progressive Web Portals for PNL viewing and OTC crypto ordering.**

- **Deployed workloads via Docker, Kubernetes, and GitLab.**

- **Created and managed .Net 7 services for data aggregation and feeding into our systems.**

Information Technology Consultant / Full-Stack Software Engineer
Amaris Consulting – Zurich, Switzerland
Apr 2020 – Mar 2021

- **Developed .NET Core (4 & 5) APIs with EF and SQL Server, employing the Repository Pattern for cleaner data access.**

- **Built front-end interfaces using Vue and Vuetify.**

- **Deployed and managed release-pipelines via Azure DevOps.**

- **Guided clients on data modeling and entity relationships as well as UX/UI design.**

Full Stack Software Engineer
Cognizant Softvision – Cluj Napoca, Romania
Jun 2019 – Apr 2020

- Developed .NET API endpoints and React UI components in a TDD environment.

- Used Repository and Unit of Work design patterns.

- Maintained data management for Car Diagnostic Terminals.

- Explored React Native for cross-platform apps, sharing Redux stores between web and mobile.

- Balanced front-end (React) and back-end (.NET) tasks in agile sprints.

Software Engineer
Bosch Automotive Service Solutions – Cluj Napoca, Romania
Sep 2018 – Jun 2019

- Built full-stack web applications using .NET (C#, MVC) and React/Vue on the front end.

- Created and maintained internal tooling for model-based engineers in support for building the microchip bus communication.

- Managed SQL database administration and deployments on Windows Servers.

- Streamlined agile workflow with JIRA for cross-functional collaboration.

Web Developer
DVSE GmbH – Targu Mures, Romania
Jun 2016 – Sep 2018

- Maintained and enhanced an automotive parts catalog using .NET, Knockout.js and eventually React.

- Refactored CSS/JS for improved performance and maintainability.

- Introduced Redux State Management to modernize the front end.

- Worked on WPF application for managing and ordering auto-parts.

- Maintained inter application data aggregation.

- Learned how SCRUM works.

- Furthered my initial internship with the company which was in the beginning of the same year.

IT Support Technician
New Vision Technologies Inc. – Targu Mures, Romania
Jun 2015 – Jun 2016

- **Provided software/hardware support, administered Active Directory/Exchange, and handled basic DevOps tasks.**

- **Troubleshot networking issues, user scripting, and phone system administration.**

- **Implemented basic query scripts for setting up accounts and adjusting them.**

- **Communicated directly with clients as level 1 support, while also analyzing in real time the issue as level 2 support, and in most cases also handling the level 3 support of doing the configurations or data alterations.**

EDUCATION

- **Bachelor of Science in Computer Science:**
  Universitatea "Petru Maior", Targu Mures, Romania (2018)
  Graduated 4th in class, while having a paid Scholarship for my 3 years of studies, as well as monthly payments in support of my studies, based on grades.

- **Exchange Scholarship (Computer Science/Mathematics)**
  Institute National des Sciences Appliqués de Toulouse, France (2016–2017)
  Focused on advanced theoretical mathematics & ADA programming for avionics and strict service modeling. Learned a lot about the French culture.

- **High School Diploma (2011)**
  Colegiul National "Unirea", Targu Mures, Romania

LANGUAGES

- **Fluent: English, Romanian, Hungarian**

- **Basic: German, French**

ACHIEVEMENTS & INTERESTS

- **Former Professional Basketball Player (2007–2014): Competed for Romanian U16/U18 National Teams in European Championships (Sarajevo and Tel-Aviv).**

- **Outdoor Enthusiast: Mountaineering, skiing, biking, triathlons, cycling and adventures.**

- **Tech Passion: Gaming, Game-Building, Mobile apps, Progressive Web Apps, Fast APIS, ML, ML Tooling, side projects, inspired by Brendan Eich (creator of JavaScript).**