

Emanuel MOLDOVAN

Romania, European Union | +40 753 931 763 | emmoldovan.dev@gmail.com | [GitHub](#) | [LinkedIn](#)

Senior Angular/.NET Frontend Developer

Adaptable Senior Angular/.NET frontend focused engineer with 10 years of experience developing scalable applications. Proven ability to rapidly integrate within teams by taking ownership and collaborating well. Deep experience in frontend technologies such as Angular. Domains: automotive, ERP and CRM systems.

CORE COMPETENCIES

- Backend: .NET Core 10y, Node.js, Nest.js, Vue.js
- Frontend: Angular v22, TypeScript, UI/UX, Tailwind, Lit, Stencil, Figma, Adobe Express
- Testing: NUnit, Jest, Mocha, Playwright, E2E, Cypress, SonarQube, BDD, TDD
- Agentic coding: Claude Code, Codex, Copilot, Cursor, Superskills, Context 7, MCP
- DevOps: Git, IIS, CI/CD pipelines, Hetzner, GitHub Actions, Azure DevOps

PROFESSIONAL EXPERIENCE

HR MANAGEMENT PLATFORM | AUTOMOTIVE | AROBS | JANUARY 2024 - PRESENT

Angular/.NET Frontend Engineer

The HR competency platform needed to be extended for domain specific needs and for various team sizes.

- Developed the frontend side of the greenfield application serving several 1000s users across 100s of tracked competencies, using Angular, Playwright and Telerik Kendo UI.
- Contributed to the .NET Core backend, by extending REST microservices for competence hierarchy, business unit and people management and excel import/export modules.
- Enhanced search functionality around competences using natural language, by integrating a self-hosted LLM for knowledge base management.
- Designed an Angular curriculum including RxJs, dependency injection and components for upskilling 8 developers.
- Steered business discussion for the product roadmap, by driving technical decisions for the frontend architecture.

Skills: Angular 21, .NET Core, MS SQL, TypeScript, Telerik Kendo UI, Windows Auth, Kendo MVC, Playwright, E2E testing

AI-POWERED DESIGN PLATFORM | ADOBE EXPRESS | AUGUST 2022 - DECEMBER 2023

Angular/Node.js Frontend Engineer

Adobe Express wanted to develop a strategy toward expansion for SMEs by using AI for 700M monthly active users.

- Built a robust AI image generation UI module with predefined options using Lit and custom state-management.
- Reduced initial bundle size and improved app load performance by modularizing the application and moving to on-demand module loading, working with Bazel build systems.
- Resolved critical import/export bugs involving i18N multi-language modules, PDF import fidelity using Playwright and built Grafana/Splunk dashboards to monitor system health.

Skills: Angular 18, Node.js, TypeScript, Lit, Web Components, Rush, Bazel, Playwright, E2E, Grafana, Splunk, Figma

EMPLOYEE ENGAGEMENT PLATFORM (PART-TIME) | CRM | HAILO - GERMANY | JANUARY - AUGUST 2023

Angular Frontend Developer

Hailo, an employment engagement platform fostered on knowledge sharing, wanted to improve their UI/UX.

- Developed and maintained core UI components library, a framework-agnostic design system built on Stencil, Web Components and SCSS.
- Collaborated closely with multiple product teams to align component behavior and drive adoption of the shared component library.
- Implemented accessibility standards such as A11y, WCAG and ADA to align with business requirements.

Skills: Angular 16, Stencil, Web Components, TypeScript, component libraries, design systems, SCSS

QUALITY LAB PROCESS DIGITIZATION PLATFORM | AUTOMOTIVE | AROBS | NOVEMBER 2019 - JULY 2022**Angular/.NET Fullstack Developer**

Continental's global Quality Laboratories needed to standardize processes worldwide using CLIVE as a digital platform.

- Designed a built a greenfield application as a core developer, by laying out the base structure for all components.
- Digitized manual Excel-based form completion and reporting workflows, cutting processing time drastically within a microservices architecture, that evolved from a multi-repo Angular library setup to micro-frontends.
- Built the UI with Angular Material, then designed and led development of a custom Tailwind CSS component library documented with Storybook.
- Improved the CI/CD pipelines, by doing automated linting, formatting, and deployment with GitHub Actions.
- Mentored and evaluated developers on Angular, .NET Core, and documentation best practices.

Skills: Angular v14, TypeScript, Material, Tailwind, micro-frontends, Module Federation, Storybook, .NET Core, GitHub Actions, Dokpod, PaaS

ENTERPRISE IT SECURITY SOFTWARE | IVANTI - US | DECEMBER 2021 - DECEMBER 2022**Angular Frontend Developer**

Ivanti, an US-based enterprise IT security company wanted to provide an unified endpoint management for their clients.

- Built their UI components within an Nx monorepo, using Angular, Tailwind CSS, and token-based styling, documented with Storybook, for use by developer teams across the corporation.
- Refactored existing Ivanti applications to adopt IDS, aligning them with the new design system's look and UX guidelines
- Aligned well with key stakeholders and improved test coverage across the application within a cross-functional team.

Skills: Angular v12, Tailwind, Nx monorepo, design tokens, Storybook, Jest, Karma, Jasmine, unit tests, integration tests

SAAS APPLICATIONS | VARIOUS STARTUPS | MOVALIO | JUNE 2018 - NOVEMBER 2019**Frontend Developer**

Movalio is a software development company delivering custom web and SaaS applications for clients across-industries.

- Built a fleet-management web app for IPC Vending, used by technicians and management to monitor machines, schedule repairs, and manage stock, with multilanguage support (i18n) using Vue.js and Vuex.
- Developed core features for Snippet chrome extension with 2,000+ users for highlighting text/images on the web and in PDFs and importing Kindle highlights with zone-screenshots using Vue.js and Vuex.
- Built the entire frontend for a SaaS push-notification and email marketing tool, including a notification/email editor and cross-browser custom notification rendering using Vue.js, Vuetify, and Vuex.

Skills: Vue.js v2, Vuex, Vuetify, TypeScript, Chrome Extensions, JavaScript

SALES PRESENTATION TOOL | PROCESS AUTOMATION (RPA) | ROBOYO | OCTOBER 2018 - APRIL 2019**Angular/.NET Fullstack Developer**

Roboyo is a UiPath consulting partner who wanted a tool to show to clients estimated savings based on RPA.

- Built forms and 3rd-party integrations for a client-facing web application estimating and visualizing automation savings for prospective UiPath customers, using Angular and .NET Core.

Skills: Angular, .NET Core, Bootstrap, modern JavaScript

HEALTH MANAGEMENT PLATFORM | HEALTHCARE | CLINIC DR | OCTOBER 2015 - JUNE 2018**Fullstack Developer**

ClinicDr, a cloud-based practice management platform in the American healthcare industry, used by 200+ small and mid-sized clinics wanted to make their UI/UX more consistent across various components.

- Migrated a legacy Visual Basic multi-page application into a single-page application (SPA), improving customer engagement by 40%, using .NET MVC and Angular.
- Built a mobile app from scratch with Ionic, used by both doctors and patients, covering appointment scheduling, patient history, and 100+ treatment plans.

Skills: Ionic, Angular, .NET MVC, mobile development

PERSONAL PROJECTS

ANGULAR/NEXT.JS DEVELOPER | BOOK RENTAL SYSTEM | AUGUST 2024 - PRESENT

- Physical Book rental marketplace used in Hanover, Hamburg and across Germany

EDUCATION & PROFESSIONAL DEVELOPMENT

MSc in Information Systems | University Politehnica of Timisoara, Timisoara | 2020

BSc in Automation and Applied Informatics | University Politehnica of Timisoara, Timisoara | 2018

LANGUAGES

English (Advanced) | **Romanian** (Native)