

Ognjen Vulic

Senior Fullstack Engineer & Business Analyst | Agentic AI Delivery |
React | Js/Ts | .Net | Python

Software Engineer with over 17 years of professional experience. Throughout my career, I progressed from backend to full-stack with a strong frontend emphasis. I ultimately took responsibility for technical architecture, delivery, and team leadership while remaining deeply hands-on. I have worked across multiple domains and am strongest at understanding complex problem spaces, structuring systems, and driving improvements in existing and legacy codebases. I am experienced in aligning teams around technical direction and working directly with clients and stakeholders to clarify requirements, communicate trade-offs, and deliver pragmatic, maintainable solutions.

I work B2B through my own company, No Limits d.o.o. Most recently, I worked as a business analyst on a power grid project. I interview clients, run workshops, define scope, model processes in BPMN, and write the specification the team builds from.

At Deepflow, I witnessed the transition to agentic development. I saw a team of 15 shrink to 3 and still deliver more. It is a huge shift, a bit scary, but amazing how much we can achieve now. Agentic development is here, and we need to embrace it.

WORK EXPERIENCE

EDS – Elektrodistribucija Srbije Serbia - Business Analyst - contract

April 2026 - current

Tech: BPMN process models, requirements specification, system architecture, integration analysis, UI flows

Business analyst on PNU (Portal of Non-Standard Services), an app for the non-standard customer services of Serbia's electricity distribution operator. I ran workshops and interviews with the client's technical, legal and investment teams. I defined which services go into scope and which do not, and modelled each one as a BPMN diagram. Every step is described in detail — who does what, what the system does, what happens on each outcome. The writing was AI-accelerated, with review kept in human hands.

Deepflow London, UK - *Team Lead - Frontend architect - contract*

March 2025 - current

Tech: React, TypeScript, Zustand, React Flow, Python, FastAPI, Pydantic, RaptorDB (graph), PostgreSQL, Redis, OpenRouter (multi-model LLM), agentic coding workflows, end-to-end testing, Agile/Scrum

Deepflow builds a project management platform for work shared between people and agents. I joined as Frontend Architect. Within months I took over team lead duties for the whole team. Then the company moved to AI-assisted, agentic development, and I went through that change with the team. We went from 15 people to 3 and delivered more than before. My work moved back from organising to writing code, at a much faster pace. I turn client ideas into working prototypes overnight. Most of the code is generated. Tests are what make it trustworthy — we cover it end-to-end, and that is what lets us keep it instead of rewriting it.

OpenFi London, UK - *Senior Fullstack Engineer - contract*

September 2024 - March 2025

Tech: NestJS, PostgreSQL, React, Remix, Tailwind CSS, shadcn/ui, Jest

OpenFi is an early-stage startup building an AI-powered chatbot assistant to increase website engagement and lead conversion. In my role as a Senior Fullstack Engineer, I developed backend services using NestJS with PostgreSQL, following a strict zero-bug policy and pursuing 100% line test coverage. On the frontend, I built both the web client and an embeddable chat widget using React. The UI component library was developed with shadcn/ui and Tailwind CSS. Marketing and presentational pages were implemented using Remix, leveraging server-side rendering to deliver high performance and fast load times.



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EDUCATION

Faculty of Technical Sciences,
University of Novi Sad

Master's Degree in Electrical
and Computer Engineering

BUSINESS & DELIVERY

Business analysis: stakeholder interviews and workshops, requirements specification, BPMN process modelling, scope definition and prioritisation, functional documentation.

Delivery: Scrum Master, backlog and release planning, team leadership and mentoring, direct client and stakeholder communication.

AI & DATA

Agentic development workflows, LLM application development, multi-model orchestration (OpenRouter), AI-accelerated documentation with human-in-the-loop review. Python (FastAPI, Pydantic), PostgreSQL, Redis, graph databases (RaptorDB).

NTT DATA Lisbon, Portugal - *Team Lead - Frontend Engineer - contract*

November 2023 - September 2024
Tech: React, TypeScript, PWA, Material-UI, SheetJS

My engagement was with the NTT DATA client (via Interex, London, UK) working on the United Nations - Enhanced Transparency Framework (ETF) project. This involved building a fully configurable, offline-capable React-based Progressive Web Application to help countries accurately report their greenhouse gas emissions in line with the Paris Agreement. I quickly identified and resolved a major performance bottleneck in the custom reporting component that was slowing down the whole project, which led to a fast promotion to Team Lead. My development work included a SheetJS Excel generation service, a configurable calculation engine, and Material-UI customisation. As Team Lead, I oversaw a sub-team, provided technical guidance and task clarification, and kept higher management aligned with progress and trade-offs.

LiveArt New York, USA - *Senior Frontend Engineer - contract*

Dec 2021 – Dec 2022
Tech: Next.js, TypeScript, React, Cypress, Storyshots, Vercel, Web Components

LiveArt is a web3 platform designed to support the minting and sale of NFTs (Non-Fungible Tokens). I built and evolved the application using TypeScript and Next.js, deployed on Vercel. I implemented a Feature-First architecture (with a BFF-style approach where appropriate) to keep the codebase modular and maintainable. I set up and maintained quality gates using Cypress for end-to-end testing and Storyshots for visual/snapshot testing. I also delivered reusable web components that could be embedded as micro-apps in other pages, including drag-and-drop components for HubSpot CMS-generated pages. Alongside product work, I supported DevOps tasks related to Vercel deployments and release workflows.

Goodwall Geneva, Switzerland - *Frontend Team Lead*

April 2017 – Dec 2019 (full-time) - September 2023 (part-time)
Tech: React, Redux-Thunk, Material-UI, Backbone, Marionette

Goodwall is a social and professional networking platform catering to the millennial demographic. My time with this organization spans an extensive period, during which I have progressed through various roles, evolving from a dedicated Frontend team member to assuming the responsibilities of a Team Lead. In this capacity, my role encompasses not only technical leadership but also extends to overseeing the recruitment process, managing stakeholder expectations, and contributing hands-on development efforts to meet sometimes tight project timelines. The technologies used to build our platform are React/Redux-Thunk/Material-UI for the main user app and Marionette/Backbone for the administration portal.

Engagis Pty Ltd Sydney, Australia - *Senior Engineer (Fullstack)*

August 2014 – April 2017
Tech: ASP.NET MVC / Web API, Entity Framework, MSSQL, AngularJS, Razor, Bootstrap, Sass, Node.js, MongoDB, Android, WinRT

Engagis is an Australian company dedicated to the design, deployment, and support of an array of digital solutions for organizations seeking to engage with their customers and staff in physical spaces in more meaningful and effective ways. As a member of the engineering team, my role had a diverse set of responsibilities on many smaller projects with both maintenance and innovative development initiatives. Most of my work is focused on web development with a combination of MSSQL, Entity Framework, ASP.NET MVC/Web API at the backend and AngularJS, Asp.net/Razor, Bootstrap and Sass on the client side. Additionally, my versatility extends to addressing tight project timelines, where I have contributed to WinRT (Windows Store) applications. In the context of maintaining existing solutions, I have acquired proficiency across various technologies and frameworks, including but not limited to NodeJS/MongoDB servers and Android applications, thereby reinforcing my adaptability and multifaceted expertise.

Schneider Electric DMS NS, Novi Sad, Serbia - *Senior Fronted Engineer, Team Lead*

ENGINEERING

Javascript/Typescript (ReactJS, NextJS, AngularJS, Redux (Toolkit), Thunk/Saga, MUI/Ant, Storybook, Jest/Cypress/Storyshots, WebComponents, Marionette/Backbone), HTML/CSS/SCSS/LESS/CSS in JS.

Microsoft Stack (.Net Framework, C#/XAML/HTML, Linq, WCF, Silverlight, WPF, WinRT(Windows Store Apps), Entity Framework, WinForm, ASP.NET MVC, Azure Cloud Services).

IDEs: VSCode, WebStorm, MS Visual Studio.

Experienced in Scrum and Agile development methodologies.

Cloud platforms: basic knowledge of AWS and Azure.

Strong mathematical background and analytical approach to solving problems.

KEY SKILLS	YEARS
Javascript	12+
Typescript	6+
React	7+
Angular	2+
.Net	6+
NestJs	1

LANGUAGES

English, Serbian

January 2009 – July 2015

Tech: .NET, WCF, SQL Server, AngularJS, Silverlight, Microsoft Azure

MDM - Worked on Telvent Meter Data Management (MDM) software as a part of a back-end team charged with the development of Data Access, Business Layer, and various integration services. The aim was to meet fast calculations, short response time, and multi-threaded requirements by the customer, using a large amount of data. Actively participated in all stages of the development cycle (architecture, design, implementation, and testing). Worked on customization and integration of MDM according to specific customer requirements to the successful go-live stage. I also worked as a member of the support team keeping contact with customers daily.

CheckBox - Worked on Schneider's measurement validation software called "CheckBox". The aim was to create an extensible and versatile multi-thread validation engine to handle a large amount of data from different sources (DB, WCF service, etc.). The UI was implemented as a Silverlight application but we also developed a web client using AngularJS with REST services as a proof of concept. In the last stage of development where our team was involved, we worked on the migrating project to Microsoft Azure Cloud service. I was involved in both front-end and back-end development.