JAN BRUS

FULL-STACK DEVELOPER
FOCUSING ON ANGULAR

PROFILE

I'm a software engineer from Czechia with broad range of experiences.
I'm a professional since 2010 and also father of 4 girls.
Born 7th July 1987

CONTACT

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📍 Czechia, Nový Jičín

STRENGTHS

Languages: Czech native (C2), English (C1), Russian (A2)

Primary: Angular, java, sql, node, .Net C#, javascript, Typescript, HTML, CSS

Secondary: GIT, Jira, agile, scrum, AI

EDUCATION

Masters degree
Czech University of Life Sciences Prague
september 2015 - june 2018 (3 years)

Bachelors degree
Brno University of Technology
september 2006 - july 2010 (4 years)

CERTIFICATION

First Certificate in English (May 2009)
University of Cambridge ESOL Examinations

SELF ASSESMENT

Frontend ◆ ◆ ◆ ◆ ◆

Backend ◆ ◆ ◆ ◆ ◇

Databases ◆ ◆ ◆ ◇ ◇

WHY SHOULD YOU HIRE ME?

I offer strong English communication skills for effective collaboration. I'm enthusiastic about learning, adaptable to different technologies, and bring a fresh, creative perspective. I handle difficult clients professionally, maintain a positive attitude, and effectively lead and mentor junior team members. Rather than being attached to any specific programming language, I have a broad range of experiences that enable me to adapt to various technologies.

WORK EXPERIENCE (PAGE 1)

Software Developer at NDC Group Czech s. r. o.
November 2024 - today (6+ months)

CCMS (Fusion Consulting)
- **Project description**: Cold chain management solution web app.
- **My role**: As a senior developer amongst three in total, I was responsible for developing new features of the CCMS web app using SAP Cloud Application Programming Model (CAP) and CAP Fiori components library. The application is being created as a selling opportunity for Fusion Consulting company. The features are requested by Fusion consultants and us three developers get their tasks via Microsoft's devops. The most challenging part was getting into CAP technology within a few weeks as it was completely new to me.

Angular/full-stack Developer at Zentity a.s.
December 2021 - November 2024 (2 years 11 months)

avo.africa (Nedbank)
- **Project description**: Web portal for major bank in South Africa.
- **My role**: Within a team of 6-8 front-end developers, my primary role was as an Angular front-end developer. I was specifically assigned to the prepaids/vouchers team, responsible for the development of a web section that enabled users to purchase electricity, meal vouchers, and other products. In addition to my regular development tasks, I had the additional responsibility of creating a proof of concept version of the application using microfrontend architecture. This involved close collaboration with client-side analysts, testers, Angular architects, and the development team. Throughout the process, I actively engaged in analysis, communication, and followed an agile workflow.
- **Technologies**: Angular 14.2.3, NgRx state management, REST, tailwind css, git, Attlasian products, Visual Studio Code, Postman, module federation

Magic UI (AddAi)
- **Project description**: A UI for managing IBM Watson chatbot logic. Startup project. User authentication via keycloak, displaying data (intents/entities/dialog nodes) from multiple IBM Watson instances, allows switching skills. Usage statistics from postgre database were displayed along with Watson data. User is able to edit the data. The backend acts as a middleman between frontend and IBM Watson API.
- **My role**: In a solo full-stack development role, I am the driving force behind the project, closely collaborating with one or two analysts (company owners). Within a span of a few months, I built the Angular frontend and Java Spring Boot backend entirely from scratch. My responsibilities encompassed the entire development lifecycle, including design, analysis, and implementation. This project was successfully monetized through a subscription-based model, and we secured our first clients in June 2023.
- **Technologies**: Angular 15, NgRx state management, java springboot, keycloak, postgre, SQL, REST, tailwind css, git, Attlasian products, Visual Studio Code, IntelliJ IDEA, Postman

Webchat (AddAi)

- **Project description**: An Angular web application chat component to be inserted in any clients webpages. The chat is connected to backend via REST or websockets and communicates with IBM Watson Assistant or with live person. Project is currently being developed for Alza.cz which is the biggest ecommerce platform in Czechia
- **My role**: In my role as a solo frontend developer, I independently handled various aspects of the development process, including design, analysis, and collaboration with backend developers. I took the initiative to define the API, message types, and overall application design, working closely with the backend team
- **Technologies**: Angular 15, websockets, tailwind css, git, Attlasian products, Visual Studio Code, IntelliJ IDEA (to run the backend locally), Postman

Programmer Analyst at Onsemi
February 2018 - December 2021 (3 years 11 months)

Middleware

- **Project description**: Middleware solution for the whole silicon manufacturing company worldwide company. The java backend application that allows other applications to convert/move and get data from many different sources within the company (file, ftp, databases from all major engines, text files, sharepoint, ...)
- **My role**: As a member of the middleware team, I collaborated with seven other developers to implement a major solution overhaul using Apache Camel. In this role, my primary responsibilities revolved around developing database connectors and creating numerous transfer jobs. These transfer jobs were crucial for regularly scheduled data transfers within the system.
- **Technologies**: java 11, Apache camel, maven, Eclipse, IntelliJ IDEA

Samples app

- **Project description**: Public-facing ecommerce website that catered specifically to the ordering of free sample products from Onsemi. This application served as a platform for other companies to request samples of Onsemi products, including chips. It featured product lists, a checkout page, and an admin section. The admin section provided functionalities for viewing and approving individual orders. Notably, the sample ordering process did not involve any payment transactions, as it solely focused on facilitating the request and approval of sample orders. The project was saving hundreds of thousands of USD for the company because it prevented unjustified sample orders.
- **My role**: This was my first professional Angular application. I was a solo fullstack developer and created the website with the backend from scratch. I was in close contact with sales people and other analysts located in US to get the user requirements. The backend was not only providing data, but was also serving as a monitor and a controller entity that ensured no excess sample orders were made or that the orders didn't contain any error. It also evaluated the orders for the sales people so they would be easily able to determine whether the order is justified.
- **Technologies**: Angular 12, java 11 + springboot, REST, Bootstrap, git, Attlasian products (JIRA), Visual Studio Code, Postman

Team Leader / Senior Application Developer at IDC s.r.o.
October 2015 - Janruary 2018 (2 years 4 months)

Ferda

- **Project description**: Windows WPF application allowing internal users to process/import/export tech outlook data. Application heavily used data tables, pivot tables and computed statistics. It also used internal cache in a form of small sql database and was able to report bugs directly to jira with screenshots.
- **My role**: In my role as a team leader, my responsibilities were divided equally between development tasks and leading a team comprising four developers and one tester. We diligently adhered to the agile Scrum methodology, meticulously following all the necessary ceremonies such as grooming sessions, retrospectives, estimations, sprint planning, and stand-ups. My primary objective was to ensure that the team was aligned with the project goals and had the necessary resources to meet those objectives. I fostered close collaboration with the Scrum Master, Product Owner, and other stakeholders, actively engaging in regular communication to ensure smooth progress and effective delivery.
- **Technologies**: .Net C#, WPF, REST, Jira, git, Visual Studio 2015/2017, SQLite, Entity framework

Programmer analyst at Ezpada Group
June 2014 - October 2015 (1 year)

- **Project descriptions**: Internal Windows WTF application development for electricity traders. Traders were using the application to create new buy/sell orders for electricity on a stock exchange. Web scrappers - small pieces of console applications that scrapped electricity prices from various websites. PL curve generator - This app was able to estimate electricity price using forward curves from historical electricity data
- **My role**: I was a developer in a 4man team, being responsible for my own applications. Very flat small company hierarchy environment. I was communicating with traders to get rquirements for the applications
- **Technologies:** .Net C#, WPF, Visual Studio 2015

Junior software developer at Capgemini
May 2011 - May 2013 (2 years)

- **Project descriptions**: Statni sporici dluhopisy - ASP .Net web application for employees of major Czech bank that allowed the employees to create new orders for the bank's clients
- **My role**: New features development, communication with client, estimating, bug fixing, client support, onsite deployment
- **Technologies**: C#, ASP .Net, Java, MS SQL, Oracle SQL, Android, Microsoft Azure.

Junior Lotus Notes Xpages developer at Actis s.r.o.
July 2010 - May 2011 (1 year)

Freelance web developer
Janruary 2015 - today (8+ years)

- WordPress development for various clients and personal projects (onelibuilders.co.uk, milupublishing.com, mskarydkova.cz, finetika.cz, janbrus.cz, jakjsemzkusil.cz, jbtemplates.com, ...)
- I used to acquire clients through personal connections and direct contacts. Our collaboration primarily took place through email communication rather than face-to-face interactions. Prior to starting the work, I would estimate the time and price by discussing and agreeing upon a specific list of tasks with the client.
- The tasks typically involved graphic design and WordPress implementation. During the process, I would utilize MySQL databases, conduct FTP file transfers, and have experience with various web hosting providers both in Czechia and abroad, including the UK.

PERSONAL WEB PROJECTS

Vikitorek.com
- Fullstack Web app that transforms wikipedia articles into kid's friendly one paragraph summaries.
- Angular + tailwind frontend (standalone components), node.js backend
- Integrated Google Firebase for authentication, Stripe for monthly subscriptions, Mistral AI for the summaries

myfirstwebsite
- A very neatly designed step by step tutorial for creating and deploying a simple website. The fastest way possible. Useful for students that want to start making websites

vyresproblem.cz
- A guide for solving any complex life issues by Ben Furman

educanvas
- Webapp that shows a pdf file where user can draw and write, then save his changes.
- Split between teachers that can present a lesson using the app and students that can fill in homework like it was printed
- Intended for schools/teachers
- Not finished

janbrus.cz
- just my homepage that I use mostly for headhunters