ROBERT JURECZKO

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PROFILE

Skilled and dedicated Software Developer focused on delivering top-tier software solutions. I leverage my technical expertise and strong communication skills to achieve optimal outcomes. Motivated by a passion for learning and growth, I integrate advanced technologies and tools to craft innovative solutions.

AREAS OF EXPERTISE

- CI/CD – **Jenkins**
- Programing Languages – **C#, JavaScript, TypeScript, Python(Hobby), Zig(Hobby), C/C++(Hobby)**
- Containers – **Docker**
- Backend – **Entity Framework Core, ASP .NET Core, SignalR**
- Frontend – **Vue.js, Vuetify, DevExtreme**
- Databases – **PostgreSQL, SQL Server**
- Markup & Styling – **HTML5, CSS3, SCSS(SASS)**

EXPERIENCE

Junior Fullstack Developer   December 2022 - Present

CODEFUSION Sp. z o.o.   *Opole, Poland*

- Developing internal applications for client company based on business requirements and internal processes.
- Improved development performance and app releases with proper time management and task prioritisation.
- Providing code reviews and support to other developers.
- Taking part in desinging the architecture of new moduls/projects.
- Introduced Test Containers to our projects to make the tests are performed on a database similar to the client's.
- Mastering the frameworks (**Vue.js, Vuetify, .Net, Entity Framework Core**) and tools (**SQL, Docker**).
- Enhanced management of the version control system (**Git, Gitea, BitBucket**) to improve team collaboration.
- Created **Jenkins** pipelines to build, test and deploy applications and Infrastructure as Code.
- Providing testing (**Integration & Unit & E2E tests & frontend Component tests**) to ensure the quality and usability of the software.

Industrial Robot Programmer   December 2021 - November 2022

RS Engineering Sp. z o.o.   *Strzelce Opolskie, Poland*

- Programming online and offline of industrial robots (mostly Kuka, rarely ABB) for BMW group.
- Took part in projects for thoose car models: BMW G60, BMW G61, Rools Royce Cullican.
- Writing helper scripts to automate repetitive operations [example program](#)
- Creating documentation for completed projects.

PROJECTS

- **SmartHome**

  Building a app for controlling home automation devices and for programming and architecture skill improvement. The project comprises two standalone applications: [SmartHome repo](), [Garage Controller for esp32]()

  Tech stack: **.NET Core, PostgreSQL, Vue3, C++**

- **HttpServerZig**

  Building a simple Http 1.1 server to understand how they work from scratch and a good opportunity to learn the new language which is Zig. The project comprises two standalone applications: [HttpServerZig repo]()

  Tech stack: **Zig**

- **Datacar Web**

  Re-engineering an application that would gradually replace the current Datacar application (written in Clarion) by rewriting its functionality in .NET. The new implementation is faster and has more user-friendly interface.

  Tech stack: **.NET 8, Vue3, Jenkins, SQL Server, Swagger/OpenAPI, DevExtreme**

- **Identity Provider**

  Engineering a system that is responsible for authenticating and providing information about the identity of users in the authentication process to enable access to the required resources.

  Tech stack: **.NET 8, Vue3, ASP.NET MVC, Jenkins, SQL Server, PostgreSql, Swagger/OpenAPI, OpenID Connect + OAuth2.0**

- **Datacar Mobile**

  Developing a web application for an Android phone (Zebra TC26) that is currently used by car yard workers to locate vehicles in the yard and perform specific actions on them to prepare the vehicle for transfer to another party. Created a chat module for this app.

  Tech stack: **.NET 8, Vue2, TypeScript, Vuetify, SCSS(SASS), Jenkins, SQL Server, WebSockets**

- **Demes Mobile**

  Creating a mobile application (TWA) for truck drivers that allows them to more easily track route statuses and facilitate other processes. The app is available on play store.

  Tech stack: **.NET 8, Vue2, TypeScript, Vuetify, SCSS(SASS), Jenkins, SQL Server, Bubblewrap**

EDUCATION

Bachelor of Engineering in Automatic Control AND Robotics, Opole University of Technology   2020 - 2024

Mechatronic technician, Strzelce Opolskie CKZiU   2016 - 2020

LANGUAGES

- German – B2 Upper Intermediate
- English – B2 Upper Intermediate
- Polish – Native speaker

INTERESTS

- Cooking
- Technology
- Sports