

PASCU NORBERT

SUMMARY

Focused on delivering quality code and driven by technical challenges. I love to learn new things, specially from and with other people, may it be technical, cultural, or personal.

EXPERIENCE

Full Stack Software Developer, 03/2021 - Current
Covario AG - Zug, Switzerland

Building and maintaining openfin trading app. (Openfin is something like Electron on which the container is based).

Building and maintaining UI features using React.js.

Building and maintaining UI connections to SignalR live data feed.

Documenting and analyzing UI technical requirements for Online Trading Platform.

Building and maintaining .NET C# (crypto exchange) API connectors.

Building and maintaining .NET C# (crypto exchange) SignalR websocket instances (such as market data live feed).

Building and maintaining .NET C# (crypto exchange) business level features: transfers from bank API to internal.

Responsible for creating and coordinating tickets regarding UI features.

Creating and maintaining an administrative portal to manage parts of the business logic individually.

Creating and maintaining internal UI tools.

Understanding business requirements, investigating, and tackling business challenges that, real time data feed produces for front end applications.

Investigating and translating Crypto trading exchanges API and translating it to the internal middle office structure.

Creating and maintaining a semi-automated order settlement process.

Merging and deploying test and production versions of the web applications.

Technology Stack: .Net Core 5, React 18, Redux-Thunk, AGGrid and Material UI, Openfin(Electron).

Devils: Docker, Kubernetes, Azure.

CI/CD: Gitlab (used for ticketing and SCRUM board management).

Sprint: two week iterations (team size: 15 people divided into a features and bug fixing team, size varying depending on what is on the board).

Part of an international team from more than 5+ countries.

All the above, are of course where done together with an awesome team and the culture is/was let's get it working, then let's get it working really well.



CONTACT

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Website: <https://www.pascu.io>

SKILLS

- Software best practices
- Coding best practices
- React(hooks)
- Vue
- Typescript
- .Net Core
- MVC
- Entity Framework
- CSS
- HTML
- SQL/POSTGRES (basic: I copy paste scripts and google things I do not know.)
- Interface design and implementation
- Agile development methodologies

Information Technology Consultant /Full Stack Developer, 04/2020 - 03/2021

Amaris Consulting - Zurich, Switzerland

Part of an international team.

Development of .NET Core API with CRUD features, for the purpose of getting and sending data to an SQL Server, using Entity Framework Code First with Repository design pattern.

Development of CRUD features (front-end), using Vue JS, with Vuetify as reusable component based progressive web application.

Creating and editing story boards, tasks in Azure Devops.

Creating and editing releases of the .NET Core application using Azure Devops.

Consulting the Client in the process of preparing the data needed for the application.

Consulting the Client on building the connections between data models within the business.

Designing and maintaining data upload feature from CSV to SQL database.

Implementing UX features such as change tracking and state reset.

Implementing and maintaining custom JS components for UX purposes.

Creating a demo of implemented changes within a Sprint, to the client.

Software Developer, 06/2019 - 04/2020

Cognizant Softvision - Cluj Napoca, Romania

TDD with focus on business layer Unit Tests.

Creating and maintaining API features.

Creating and maintaining UI features.

SQL database development and maintenance.

.NET Framework, MVC with Unit of Work and Repository Design Pattern.

Windows Services for updating and maintaining data consistency.

Vue.js as JavaScript framework.

Cross platform, mobile and web development:

Creating and maintaining UI / UX features in react-native as a proof of concept in migrating React web app code into React-native mobile app.

(Controlling a unified Redux flow withing two different apps with the same store base).

Using React-Native with Redux-Saga.

Node.js as server-side technology.

React.js client side applications using Redux and Redux-Saga.

Software Development Engineer, 09/2018 - 06/2019

Bosch Automotive Service Solutions, LLC - Cluj Napoca, Romania

Tool Development: Full Stack Web Applications using the .Net Framework. C#,

MVC, VueJS and React, and refactoring Vanilla JS or JQuery code. Also handling of deployment and release of new versions of .NET based web applications.

Data visualization and management web-based software, implemented and maintained using React and node.js.

SQL Database and Web Service Development, Windows Server management, handling of deployments and releases.

JIRA Setup and Configuration for Software Development Cycle. Creating and maintaining the agile environment.

Tools are created and customized for other software developers to simplify and improve speed with which they are developing embedded or model-based software.

Web Developer, 06/2016 - 09/2018

DVSE GmbH - Targu Mures, RO

Online Automotive Aftermarket Part Catalog with the following responsibilities:

Bug fixing, Feature development for Web Based Applications. CSS / JS refactoring.

Creating and maintaining of features within the .NET MVC framework, with Entity Framework and Knockout.js also basic Angular.js features.

Implementing and maintaining new features with React.js - Redux with MVC / MVVM design pattern on back-end services.

IT Support Technician, 06/2015 - 06/2016

New Vision Technologies Inc. - Targu Mures, Romania

Basic troubleshooting of applications and personalizing them to the specifications of the client.

Setting up, cleaning, updating and deleting work station profiles for users within the network.

Setting up and maintaining personal applications for specific users such as: AutoCAD, Photoshop, Canon photography as well as all Microsoft Office applications.

Administering Active Directory / Exchange servers.

Basic website administration.

Troubleshooting and fixing Networking issues.

Scripting for generating and deleting new users (self - implemented)

Basic Dev Ops for deploying and maintaining simple web applications.

Administering 3COM phones.

Internship, 07/2016 - 07/2016

DVSE GmbH - Targu Mures, Romania

Internship to broaden my programming skills.

The following technologies have been used to implement a desktop application that works as a user management application:

MVVM, .Net, WPF, Entity Framework 6.0.

EDUCATION AND TRAINING

High School Diploma

Colegiul National "Unirea" Targu Mures - Targu Mures, Romania

Bachelor of Science, Computer Science / Mathematics, 07/2017

Institut National Des Sciences Appliquées De Toulouse - Toulouse, France

Scholarship for 10 months, in an exchange program to study theoretical mathematics.

I had the chance to study at one of the top 5 Computer Science / Mathematics program for a full year.

I learned how to prepare for and approach the real problems of engineering. Had the opportunity to see how ADA programming works (it is the low-level code in which the French and US army write most of their avionics).

Also had the chance to meet new people and new cultures, one of which still is a good friend of mine and lives 20 minutes away in Zurich.

Bachelor's in computer science, Information Technology, 06/2018
Universitatea „Petru Maior” Din Târgu-Mureș

LANGUAGES

English, Hungarian, Romanian: First Language

German: B1(max)

French: B1(max)

ACCOMPLISHMENTS

Captain of the U16 Romanian basketball national team.
Participated at the U16 European Championship in Sarajevo, Bosnia.
Participated at the U18 European Championship in Tel Aviv, Israel.
Professional basketball player: 2007 - 2014:
CSU Sibiu, Sibiu, Romania.
PVSK Panthers, Pecs, Hungary.
BC Mures, Targu Mures, Romania.
Scholarship to study advanced theoretical mathematics in France, my second year of university.
Third in my class, while graduating for my bachelor's degree.
Note: out of 230 who start this university on, average, only 30 finishes.

ADDITIONAL INFORMATION

Driver's license: B1
Hobbies: Skiing, Biking (Trail), Climbing, Mountaineering, Gaming and Coding.
Favorite person outside my family and friends: Brendan Eich (He basically created JavaScript). I enjoy Lex Friedman podcasts about coding, designing and programming in general.