Gabriel Cătălin Bârzu

Nationality: Romanian   **Date of birth:** 26/10/1994

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WORK EXPERIENCE

Java Developer
UniCredit Business Integrated Solutions [10/2016 – 05/2018]

City: Iași | **Country:** Romania

Java Developer for an intern application which is used to monitorize transactions with a big data tool named Splunk.

Software Developer
ViaMedici Software Lab [05/2018 – 12/2018]

City: Iași | **Country:** Romania

Redesign an internal application and migrate it from applets to one page using a JS Framework name ExtJS.

Software developer
Ness Digital Engineering [11/2018 – 02/2020]

City: Iași | **Country:** Romania

Working with ASP.NET and ASP.NET Core to create a CMS website for a hospital. Using Angular redesign an internal tool for an insurance company in UK. Create Android Xamarin application for a transport company in UK.

Software developer
Centric IT Solutions [01/2020 – 05/06/2022]

City: Iași | **Country:** Romania

I've worked on a HR & Payroll application for municipalities from Netherland.
Full-stack developer .Net and Angular
Software as a Service
Multi-tenancy
Hexagonal architecture
Microservices ready
Data, Context, and Interaction
Technologies:
- ASP.Net WebApi with Angular
- Dapper ORM
- DbUp
- Redis
- Oracle

Software development engineer
Amazon [06/06/2022 – 31/12/2022]

City: Iasi | **Country:** Romania

I developed an internal web application for monitoring user behavior. The collected data is stored in buckets for analysis. I used Vanilla JS for performance optimization and Vue.js for the statistics visualization interface.

Software developer
Centric IT Solutions [01/01/2023 – Current]

City: Iasi | **Country:** Romania

At Centric I've returned in my previous team and the project for the HR & Payroll municipalities sector.

EDUCATION AND TRAINING

High school degree
Colegiul Național Iași [08/2010 – 07/2014]

City: Iași | **Country:** Romania

High School, Mathematics and Computer Science

Bachelor degree
Faculty of Computer Science [09/2014 – 07/2017]

City: Iași | **Country:** Romania

- Programming languages
  - Java
  - C
  - C++
  - Python
  - Web technologies
  - Shell scripting
- OOP principles
- Desing patterns
- Operating systems
- Databases
- Theory and Practice Programming
- Introduction to Computer Arhitecture
- Mathematical Foundations of Computer Science

Master degree
Faculty of Economics and Business Administration [09/2018 – Current]

City: Iași | **Country:** Romania

LANGUAGE SKILLS

Mother tongue(s): Romanian

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PUBLICATIONS

[2024]
Another battle in the stORM
In a fight, there will always be a winner and a loser, but what if this time, there will be none of them? What will happen if no one is better than another or worse? What if, in this story, there is no hero or villain? In this story, we will compare two fighters with distinctive styles, skills, and abilities. Neither the Entity Framework Fighter nor Dapper

Fighter has a medal for the best ORM (Object Relational Mapper) yet, but they will compete together in this tournament for the pleasure of the audience.

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

I am a good listener, who succeeds in learning new things. A very sociable colleague who can easily help, skills acquired in volunteering. Due to the intuition and the spirit of observation, I can troubleshoot and overcome most of the problems encountered.

- Personal projects
    - Flight IT is an e-commercial website, used to buy and reserve tickets for a big airplane company. The application aims to create a product that can be expanded into the world market in order to facilitate the search and purchase of a ticket for tourists but also to other potential customers who need to reach different locations in a time shorter. It will provide support on the client side by providing a user-friendly and easy-to-use interface with many functionalities, but will also provide support on the administrative side to the employees of the company, having the ability to monitor in real time all vouchers and flights existing.
    - BookIT is an online booking application designed to help people to find more interesting places to visit and also to find a place where they will can spend some free time.
    - AutoShop is an application which can be easily personalize for new cars dealers to help them to upload more picture and info about their cars.
    - Technologies used:
    - HTML5
    - PHP6+
    - CSS3 + Bootstrap 4
    - JavaScript
    - jQuery
    - JavaScript Frameworks
    - MySQL
    - Splunk to monitore all the flights, tickets, users
- Mobile applications
    - For a website, using the PhoneGap I was able to create an application which could send request using an Ajax call the server and recieve information in the JSON format. Those information was parsed using some JavaScript function and with the HTML and jQuery Mobile it returns all the reservations for the user.

JOB-RELATED SKILLS

Job-related skills

Technologies used:

- JavaScript
- jQuery
- Angular
- CSS3
- AngularJS
- ExtJS
- NodeJS
- ASP.NET
- ASP.NET Core
- Xamarin
- C#
- Java
- Java EE
- JSP/JSF
- PrimeFaces
- Git
- jUnit
- Python
- Unix
- SQL
- DB2
- PhoneGap
- jQuery Mobile
- Splunk's searches and reports
- Jira
- TFS

CERTIFICATIONS

Certifications

ECDL - european computer driving licence

VOLUNTEERING

[01/10/2011 – 30/06/2012] Iași
Voluntary Member at "Grădinița Sf. Sava Iași"