Baciu Nicolae-Darius

CONTACTS

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EDUCATION

Master's degree - Advanced Computing Systems
"Lucian Blaga" University of Sibiu
2020-2022

Bachelor's degree - Computer Science
"Lucian Blaga" University of Sibiu
2016-2020

Bacalaureat Diploma
"Gheorghe Lazar" National College, Sibiu
2012 - 2016

CERTIFICATES

- Dynamics 365 Fundamentals (MB-901) – Nov 2020
- CCNA (Cisco Certified Network Associate) – CCNA Routing and Switching : Introduction to Networks (CCNA I) – February 2019
- CCNA Routing and Switching : Routing and Switching Essentials (CCNA II) – July 2019;
- European Computer Driving License (ECDL) Core Certificate – Feb 2016

WORK EXPERIENCE

Frontend Developer   **03/2021 - Present**
Scriptics Decisions, Sibiu

- I have a position of Frontend Developer but now I'm working as a full stack PHP Laravel and Vue.js
- In the beginnings I worked with other colleagues on the project and now I manage the project by myself
- Also, within the company, we developed WordPress applications using Elementor as a theme and worked with angular based applications

Frontend Developer – 4 mo.   **11/2020 – 03/2021**

Backend Developer – 2 mo.   **07/2019 – 08/2019**
iQuest Group, Sibiu

- Project Name: Educational Application
- Project Description: An education application for children from schools, where every child can read books from different subjects
- I was involved in creating the PostgreSQL database, managing it and solving tasks such as creating controllers for many categories, store/search documents, CRUD operations.
Technologies used: Java 11, Maven, PostgreSQL, Spring Boot, Apache Solr.

Student Intern - 1 mo.   **08/2018**
Ausy Technologies Sibiu Ausy Technologies, Sibiu

- Project Name: Slither.io game
- Project Description: The game is played in matches between two players which integrate server-client side (working on it during summer practice). Technologies used: C++

TECHNICAL SKILLS

- Advanced knowledges: Vue.js (Vue 3/Vue 2)
- PrimeVue components, Pinia Store, Vuex, Vite
- Advanced knowledge in JavaScript and JQuery
- Advanced knowledge React
- Knowledges of Node.js
- Knowledges of Express.js
- Advanced knowledge in TypeScript, Angular
- Advanced knowledge in PHP Framework: Laravel
- HTML, CSS/SCSS

ORGANISATIONAL SKILLS

- Good organizational skills and a great sense of responsibility
- Able to prioritize tasks and mange time effectively
- Highly organized and detail-oriented, able to maintain a clear overview of multiple projects at once
- Proficient in debugging and troubleshooting the existing codebase of a project
- Experienced in working under pressure and able to remain calm and focused during challenging situations

COMMUNICATION SKILLS

- Good communication acquired through involvement in projects, conducted successful presentations of the projects
- Good listening to customer needs and understanding colleague's perspectives when working collaboratively in teams.
- Writing professional emails, reports, or other documents (User guides).
- Collaborated with cross-functional teams using Microsoft Teams, Google Meet, Skype, Slack

- Tailwind, Bootstrap, Vuetify
- MySQL databases
- MongoDB databases
- Linux commands
- Docker
- Search Engine Optimization (SEO)
- Git, GitHub, GitLab
- Netlify, Heroku deploy
- Work management: Trello, Asana
- Microsoft Visual Studio, VSCode, PhpStorm
- Knowledge in WordPress
- Knowledge of ANSI c/C++, Java 11, OOP, Python, MS Office: Word, Power Point, Excel, Access.
- Basic knowledge in assembling language
- Software documentation development (technical and user guides)
- Artificial Intelligence

LANGUAGES

Languages	Listening/Reading	Speaking	Writing
English	B2	B1	B2
German	A1	A2	A1

PERSONAL PROJECTS

- Full stack application MERN blog posts with login & registration
- Personal presentation page developed in React & Tailwind: https://dariusbaciu.com/
- Book library with basic CRUD operations developed in Node.js/Express.js/Embedded JavaScript template/MongoDB: https://booklibrary-edc2051ee8c2.herokuapp.com/
- Fictional university developed in WordPress with new theme created from scratch
- Quiz app for students with different questions from fields such as Math, Biology or Chemistry, developed in Vue3: https://quiz-school.netlify.app/cards
- Laravel app for managing all users from library by an admin, assign to each user different roles and performing CRUD operations
- Created a page that serves as a curriculum vitae using Vue3 and Vuetify3 concepts: https://dariusbaciu.netlify.app/
- Project for achieving bachelor's degree: C# application: Comparison k-Means algorithms in clustering techniques. This project means to develop different algorithms and evaluate them

- Project for achieving master's degree: Python application: Medical Image Segmentation using Deep Learning Methods The goals of this application was to compare different neural networks architectures in order to segment the CT images
- Network rock-paper-scissors game, between two players, developed in Borland C++ Builder 6. Four notions of OOP and image manipulation have been used.
- C# application that simulating a microarchitecture of a computer system
- Web application online car auctions using HTML, CSS, PHP and MySQL language to demonstrate CRUD basic functions