

PERSONAL INFORMATION

BABA OKTAVIAN

 Voievođanskih Brigada 55, Vršac

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Skype Baba Oktavian

Sex M | Date of birth 16/05/1990 | Nationality SRB

JOB APPLIED FOR

Software Developer

WORK EXPERIENCE

September 2017 – April 2018

Software Developer

S.C. Continental Automotive, Departament PSS Chasys and Safety Division, Timisoara(Romania), St. Siemens no. 1, <https://www.continental.com/ro-ro>

- developing test for automotive Airbags modules
- testing Airbag modules by using TESSY Windvision and Rapsody frameworks

Business or sector IT

July 2018 – November 2018

Software Developer

Strateg S.R.L, Dumbravita (Romania), St. Gramma no. 2

- developing a Windows C# application for data management
- developing a web site for the company

Business or sector IT

December 2019 – February 2020

Software Tester

NovelC d.o.o. , Belgrade, Science and Tehnologically Park, St. Veljka Dugosevica no. 54, <https://www.novelic.com/>

- writing testing documentation
- testing software

Business or sector IT

EDUCATION AND TRAINING

2009 - 2016

University Diploma - Computer Engineering

Faculty of Computer Science , Politehnica University of Timisoara , Romania

- Computer Architecture
- Object Oriented Programing
- Digital Logic
- C programing language
- Java programing language
- Embedded systems
- Microcontroller programing
- Computer databases

2005 - 2009 High School Diploma – Computer Engineering

High Technical School Nikola Tesla, Pancevo, Serbia

- Digital Logic
- Fundamentals of Electrical Engineering

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	A2	A2	B2
Serbian	C2	C2	C2	C2	C2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills Good team communication

Job-related skills Good knowledge of:

- C, C++, C#
- Microsoft SQL Server Express LocalDB
- Microsoft Visual Studio
- PICC Compiler
- mikroC PRO for PIC

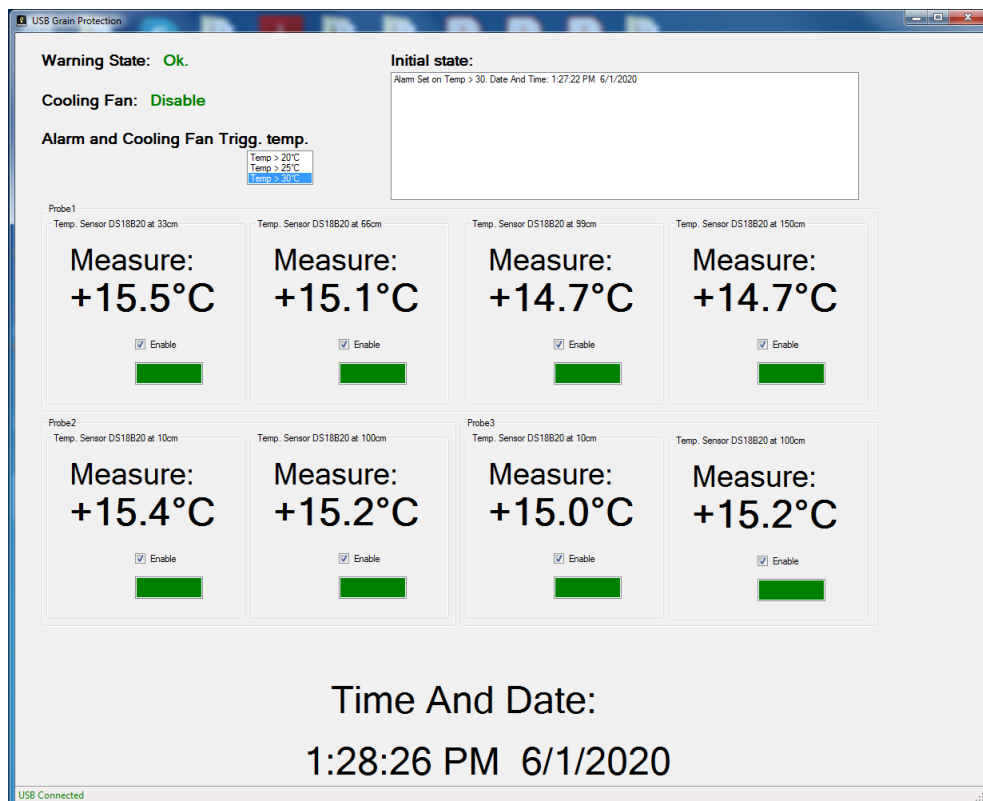
Driving licence B

ADDITIONAL INFORMATION

Projects

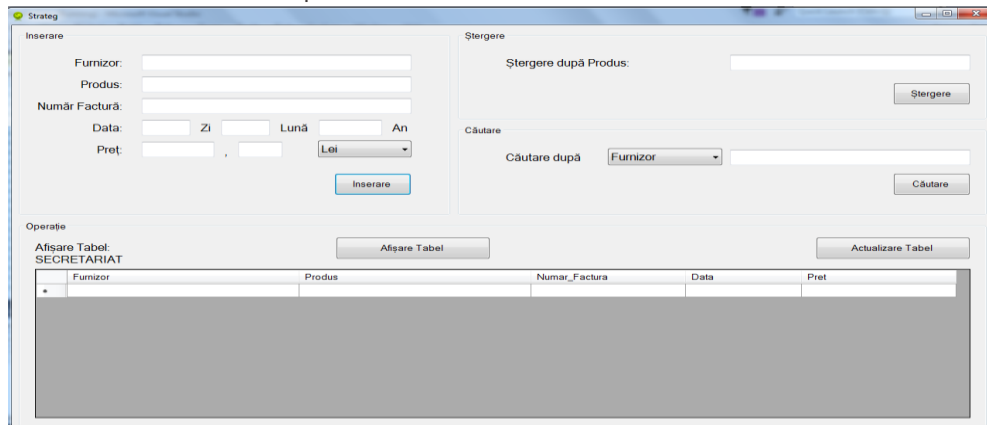
Temperature control system for grain warehouses. The system is composed of a embedded control unit and a PC software. The purpose of the system I designed is to prevent the grain temperature from rising below a predetermined limit during storage. If the temperature is above the limit, the system activates a special cooling fan to lower the grain temperature. The hardware part consists of a control unit and eight temperature sensors. I used CCS PIC C compiler in order to program the PIC microcontroller. The entire hardware was made by me, including the final PCB.

PC software is written in C # using the Microsoft Visual Studio framework. For the communication with the board I used a special USB dynamic library. The software is able to display the realtime temperatures provided by the sensors. I have also implemented a mechanism for detecting high grain temperatures, ie if the temperature is high, the software displays a warning message and activates the cooling fan. Once the temperature is normal, the cooling fan is switched off.



Projects

Data management system. Another important project I made was meant for data management for the Romanian company Strateg. The PC software is written in C# by the means of Microsoft Visual Studio framework. It uses a Microsoft SQL Server Express LocalDB for storing the data. The system is based on client server architecture. The database is installed on the server while the PC software is installed on several client computers.



The screenshot shows a Windows application window titled "Strateg". The interface is divided into several sections:

- Inserare (Insert):** Contains input fields for "Furnizor:" (Supplier), "Produs:" (Product), "Număr Factură:" (Invoice Number), "Data:" (Date) with sub-fields for "Zi" (Day), "Lună" (Month), and "An" (Year), and "Preț:" (Price). There is a dropdown menu labeled "Lei" and an "Inserare" button.
- Ștergere (Delete):** Contains a "Ștergere după Produs:" field and a "Ștergere" button.
- Căutare (Search):** Contains a "Căutare după" dropdown menu set to "Furnizor" and a "Căutare" button.
- Operație (Operation):** Contains an "Afișare Tabel" button and an "Actualizare Tabel" button.
- Afișare Tabel: SECRETARIAT:** A table with columns: "Furnizor", "Produs", "Numar_Factura", "Data", and "Preț". The table is currently empty.