

Radu Cristian Pelin



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Current location: Brasov

Passionate, eager for new challenges and ready to learn, I focus on software development and software engineering, looking to join a friendly and professional team where I will develop my programming, analytical and social skills.



Education



University POLITEHNICA of Bucharest, Romania

October.2015 – July.2019

Achieved Degree: Bachelor's degree in Automatic Control and Industrial Informatics
Profile: Faculty of Automatic Control and Computers Science
City: Bucharest
Other informations: Overall 9.07/10
Programming Engineer



National College Petru Rares – Piatra Neamt, Romania

October.2011 – July.2015

Achieved Degree: High School Graduation Exam - Romanian Baccalaureate
Profile: Mathematics and Computer Science
City: Piatra Neamt
Other informations: Overall 9.36/10



Skills

Foreign languages:

	Writing	Reading	Speaking
English	B2	C1	B1

Programming Languages:

Object - Oriented Programming		Data Structures and Algorithms	
Java-Android	●●●●●●	C	●●●●●●
C#	●●●●●●	Matlab	●●●●●●
C++	●●●●●●		
Web Development and Design		Database	
HTML	●●●●●●	SQL	●●●●●●
CSS - SASS	●●●●●●		
JS	●●●●●●	PHP	●●●●●●
		Firebase	●●●●●●

Others:

Operating Systems

Windows ●●●●● Networking ●●●●●
Linux ●●●●●

Hardware

Microcontrollers ●●●●●
Arduino IDE ●●●●●

Personal development:

Innovation / Analysis ability / Fast learning / Creativity



Achievements

Courses:

Oracle Database Design & Programming with SQL : I graduated from this course in May 2015

Java 1.A - Java Associate Fundamentals : I graduated from this course in February 2017

Java 1.P - Java Professional Fundamentals : I graduated from this course in June 2017

Agile Scrum Certification: I graduated from this course in July 2018

Certifications:

1. Oracle Database 12c Certified Associate

2. High Shool Profile Certification - Virtual Piano

I created from scratch a web application that simulates a virtual piano. For this project I used HTML, CSS and Java Script.

Demo here: <https://www.youtube.com/watch?v=q-6hSwUoyGs>

Personal Work:

Diploma Project: *Modeling and Automating a DAST-Powered Mobile Platform and Controlled through an IoT Application*

The project aims to develop a prototype for an energy-autonomous mobile system that can support the movement of industrial robots that perform tasks in the open field and continually moving. The system comes with a dual-axis solar tracking system as a power supply. To all of this, there is an Android application developed in Java for manual and automated control based on Cloud and IoT services. The SmartPlatform application allows remote control with your own Android device in areas with Internet connection, giving the user both manual and automated control, with the option of avoiding obstacles and creating repetitive driving cycles on user-defined routes.

Demos here: <https://www.youtube.com/watch?v=WIQsrX7ZCmY&list=UUDLgiva0rP81CbxcGZ29Qug>

I am able to create elaborated applications with Java 8. My best project for now is a Model View Controller, used to manage the activity of a restaurant. For this project I also used my SQL skills, working with MariaDB, SQL Server Management and Apache Server.

Demo here: <https://www.youtube.com/watch?v=FVSCYez2KNg&t=7s>

I made a game using Windows Forms with C# and basic OOP concepts.

Demo here: <https://www.youtube.com/watch?v=Fo5IngcumW4>

See other projects on my github page: <https://github.com/RaduPelin>



Experience

2018 - 2019: Web Developer at Hallmark Greeting Cards

- I developed in MVC Web Applications projects using JavaScript, HTML, CSS/SASS and .NET framework.
- I gained strong knowledge about working process, using Visual Studio with Team Foundation Server for source code management and Agile software development methodology with Scrum framework.
- Responsibilities :
 - Create user interfaces with JS (jQuery) and .NET framework, applying web design languages such as SCSS and HTML.
 - Develop using TFS workflows and processes.
 - Work in multidisciplinary team with other professionals such as backend developers and web designers, implementing Scrum methodology.