Contact

✉ marcela.florea02@gmail.com

Marcela-Florina Florea
Senior Software developer | Teaching assistant

Experience

Teaching assistant
Aurel Vlaicu University of Arad| 2026 - Present
Advanced programming languages, Software project management,
Tools and programming environments

Teaching associate
Aurel Vlaicu University of Arad| 2021 - 2022 | 2022- 2023 | 2023- 2024| 2025
Advanced programming technologies

Senior Software developer
Access Workspace Romaina | 2017 - Present
Over eight years shaping robust solutions across diverse projects.
Seasoned in on-premise accounting systems (Omnis, SQL Server)
with a focus on maintenance and support.
Driving innovation on a cloud/mobile product, orchestrating design,
development, testing | Working with React, TypeScript, GraphQL for
frontend; C#, .NET Core, Entity Framework Core, Microsoft Orleans,
Akka.NET, Azure for backend. Focusing on enhancing scalability,
optimizing performance, and ensuring seamless customer
onboarding and support post-release.
Additionally, instrumental in enhancing an existing Payments
product using C#, .NET Core, ASP.NET Core (MVC), React, and
TypeScript, pioneering improvements and novel features.
Spearheading the development of a centralized payments solution
for internal use, leveraging .NET technologies, Azure resources (e.g.,
Azure Functions, Key Vault, Storage, App Service), and integrating AI
tools and intelligent agents to automate workflows, enhance fraud
detection, and streamline payment reconciliation.
Dedicated mentorship within the Software Academy 2021 internship
project, nurturing emerging talent. Collaborative partnership with
Team Leads to fortify product scalability, reliability, and cultivate the
growth of junior developers within the team.

Teacher
Școala Gimnazială Avram Iancu Arad| 2016 - 2017
Mathematics and Computer Science

Teacher
Școala Gimnazială Caius Iacob Arad| 2016 - 2017
Computer Science

Teacher
Școala Gimnazială Aron Cotruș Arad| 2016 - 2017
Computer Science

Barman
Mimi SRL | August - September 2012

Education

Phd Studdent in Computer Science
The Polytechnic University of Timisoara, Timisoara | 2025 - Present

Master's degree
Aurel Vlaicu University, Arad | 2015 - 2017
Mathematical modeling in research and didactics

Bachelor's degree
Aurel Vlaicu University, Arad | 2012 - 2015
Faculty of Exact Science, Mathematics and Computer Science

Psihopedagogic module
Aurel Vlaicu University, Arad | 2012 - 2016
Level I and II

High school
Liceul Gheorghe Lazar, Pecica | 2008 - 2012
Matematics and Computer science

Skills

Personal

Skill	Level
Communication	●●●●○
Flexible	●●●●●
Solving problems	●●●●●
Ownership	●●●●●
Analytical	●●●●●
Curiosity	●●●●○
Resiliant	●●●●●
Care	●●●●○
Quick-to-act	●●●●●

Professional

Skill	Level
Design Patterns	●●●●●
Agile Process	●●●●●
Functional Programming	●●●●○
Leadership	●●●●●
Decision making	●●●●●
Time management	●●●●●

Technologies

✔ **C#, .NET Framework, .NET Core, .NET, ASP.NET, MVC, Razor, React, TypeScript, JavaScript, HTML, CSS, Microsoft Orleans, Akka.NET, graphql, Rest API, Microsoft Azure, GitHub, Sql Server, Azure DevOps, JIRA, Agile methodology, Devin AI agent, Claude**

Publications

Book
Monografia Satului Bodrogu-vechi
G. Damian, G. Rancu, M. Damian, D. Cheveresan | 2015
Editor

Article
International Symposium Research and Education in Inovation Era
M. Tomesu, M. Florea, A. Palcu | 2016
Fractals design with C#

Volunteer work

FTC REGIONAL COMPETITION - ARAD
FTC Romania | 2024 - Present
Volunteer as a judge

Certificates

🏆 **Aspiring Leaders program**
ASCENDIS, 27 Ian 2025

Projects

2025, May	**ERASMUS - STAFF MOBILITY** *Aurel Vlaicu University of Arad -IUM Academy School Napoli*

Languages

✔ **English - B2**

Competences

✔ **Driving license Cat. B**