

Gheorghe Madalina-Eleonora

📍 Bucharest, Romania ✉ madalinaeleonora.gheorghe@gmail.com ☎ +40768792728

 [in/madalinaeleonora](https://in.linkedin.com/in/madalinaeleonora)  [_madalinaeleonora](https://github.com/madalinaeleonora)  www.madalinaeleonora.dev  [M madalinaeleonora](https://medium.com/madalinaeleonora)

PROFESSIONAL SUMMARY

Senior Frontend Developer with 6+ years of experience delivering scalable, enterprise-grade Angular applications that drive measurable business impact. I have deep expertise in **clean architecture**, **responsive UI design**, and **performance optimization**, having led to the development of critical systems ranging from real-time fraud detection platforms to internal self-service tools.

I take full ownership across the development lifecycle — from **technical design and architecture decisions to deployment and production support**. Known for **proactive leadership**, I work closely with product, design, and backend teams to align technical solutions with strategic goals, ensuring quality, scalability, and user value at every stage.

SKILLS

Frontend: Angular (6+ years), React (1 year), HTML, SCSS, CSS, TypeScript, JavaScript (ES6+), RxJS, AG Grid

Backend & APIs: Java (basic), REST APIs

Testing: Jasmine, Karma

Tools: Git, CI/CD, Agile, UX collaboration, GitHub, VS Code, Jira, Jenkins, OpenShift, Azure, Phrase

Languages: Romanian (native), English (C1)

Soft Skills: Problem-solving, Cross-team communication, Adaptability, Initiative, Client-facing collaboration

WORK EXPERIENCE

Cognizant

January 2023 - Present

Frontend Developer | *Fraud Monitoring & Access Management Applications* | January 2023 - Present

Tech stack: Angular, TypeScript, RxJs, Sass, Nexus, OpenShift, Jenkins, BitBucket, Kendo UI, AG Grid, Jasmine

As a **Senior Frontend Developer and Interim Team Lead**, I have consistently taken ownership of the full lifecycle of complex internal web applications, driving architectural decisions, leading development efforts, and mentoring team members while ensuring strategic alignment with business goals.

I **initiated and led the development of two major enterprise-grade applications** from the ground up, playing a pivotal role in translating business needs into scalable, intuitive, and high-impact solutions:

- **Banking Fraud Targeting Platform** – A mission-critical tool designed for real-time fraud monitoring and investigation. I architected and led the implementation of a feature-rich frontend with user-centric dashboards, advanced search capabilities, fraud detection mechanisms (robotic/human), and interfaces for law enforcement collaboration.
- **Employee Access Management System** – A self-service platform streamlining internal access requests and approvals. I led the frontend architecture, optimizing user flow and automating approval logic to increase operational efficiency.

Focused primarily on the fraud platform, I delivered an **11-flow modular application**, leveraging **component reusability, role-based access**, and **high scalability**. My work consistently addressed complex, business-critical requirements:

- **Advanced Data Visualization & Decision Enablement** – Built dynamic, data-rich interfaces with drill-down capabilities, enabling fraud agents to make real-time decisions and trigger downstream processes.
- **High-Volume Transaction Investigation Interface** – Designed a robust AG Grid-based investigation module (evolved from Kendo) supporting **bulk operations on 50,000+ records**, real-time validations, and personalized workflows.
- **Live Monitoring Dashboard** – Engineered a live interface connected to banking systems for proactive fraud monitoring and real-time interventions before automated flags occur.
- **Intelligent Search & Investigation Tools** – Implemented powerful, **role-based search mechanisms** that significantly accelerated fraud resolution by enhancing information accessibility and decision-making under time pressure.

For over a year, I served as the **Lead Frontend Developer**, taking responsibility for:

- **Frontend ownership and architectural decisions**
- **Cross-functional collaboration**, occasionally supporting backend (Java) tasks
- **Deployments to test/production environments**, ensuring system stability
- **Modernizing legacy tools**, improving UX and agent performance

I also stepped in as **Interim Team Lead**, successfully managing team priorities, improving delivery speed, and ensuring effective communication with stakeholders. I actively led:

- Sprint planning and backlog management
- Requirements analysis and solution design
- Client demos and stakeholder presentations for strategic alignment
- Cross-team coordination for end-to-end feature delivery

I owned the **design and UX direction** of the platform in the absence of a dedicated designer, introducing creative yet technically feasible solutions while ensuring visual consistency and usability. Over the past year, I held **full decision-making authority** over UI/UX design.

Additionally, I played a key role in mentoring, guiding new developers, facilitating **frontend best practices**, and helping colleagues adopt **unit testing with Jasmine**. I actively fostered a culture of **knowledge sharing and continuous improvement**.

Deloitte Digital Romania

Oct 2021 – Dec 2022

Frontend Developer | *Client & Loan Management System* | Feb 2022 – Dec 2022 | Germany

Tech stack: React, Thymeleaf, Mambu, TypeScript, AWS Services, Java

- Sole frontend developer for an internal banking app, designing and implementing features using **React** and **TypeScript**, working within the constraints of the **Mambu** interface and collaborating closely with all involved roles.
- Refactored and enhanced features enabling agents to manage client profiles, create/refinance loans, update details, and onboard new clients.
- Worked closely with backend developers to deliver the **banking report generation to PDF** feature and took ownership of related Java backend code.
- Proactively fixed various backend bugs when backend developers were unavailable, ensuring continuous delivery.

Frontend Developer | *Insurance Policy Management System* | Oct 2021 – Jan 2022 | United Kingdom

Tech stack: Angular, TypeScript, RxJs, Sass

- Delivered responsive, interactive features allowing users to **create, view, edit, and deactivate active policies** directly from their profiles, including **Mid-Term policy adjustments**.
 - Collaborated closely with the **designer** to improve application flows and enhance user experience.
 - Maintained **efficient and proactive communication** with frontend and backend developers, making the project smooth to deliver and enjoyable to work on.
-

IBM Romania

Dec 2018 – Oct 2021

Frontend Developer | *Public E-Commerce Website* | Apr 2020 – Oct 2021 | United States

Tech stack: Angular, TypeScript, RxJs, Adobe Experience Manager, VirtualBox, Vanilla JavaScript, Sass, CSS, Jenkins

- Built features as part of a **micro-frontend team** within an **AEM application serving five retail stores**, balancing shared infrastructure with brand-specific needs.
- Built a fully **accessible app** with **ARIA support, VoiceOver compatibility, and keyboard navigation**, optimized to remain usable on **slow or unstable internet connections**.

- Implemented support for **feature toggling**, enabling or disabling functionalities depending on whether users were part of **beta testing programs**, allowing safe rollout and controlled experimentation.
- Developed and integrated **customer behavior tracking systems** to gather detailed statistics: **user flows**, **click events**, and **conversion paths**, helping improve **UX** and **business decision-making**.
- Delivered "**What You See Is What You Get**", a feature showing **real-time discount feedback** with **visual animations** (confetti, coupon-cut effects), including coupon collection and usage across multiple pages.
- Created a **personalized reorder feature** to help customers rediscover and quickly re-add previously purchased items from the cart or product pages.
- Supported **omnichannel functionality**: customers could **select physical stores**, check **real-time stock**, and choose between **delivery or in-store pickup** at checkout.
- Managed **daily development builds** across environments and showcased new features during **demo sessions**.
- Maintained **strong collaboration** with backend and frontend teams, ensuring a productive and enjoyable development flow.
- Adapted to **US time zones**, attending late meetings and providing **on-call support** for production incidents.
- Successfully navigated a **critical incident** when the **checkout system went down** in production for one site.

Frontend Developer | *Public website for retail recyclable materials* | Mar 2020 | Retail - United Kingdom

Tech stack: React.js, GraphQL, Material UI

- Redesigned the purchasing flow for recyclable materials from retailers using dynamic, step-dependent forms that adapt based on prior inputs; this app served as an MVP for a customer who subsequently partnered with the company.

Frontend Developer | *Multi-Platform Enterprise Solutions for Insurance & Compliance* | Mar 2019 – Mar 2020

Tech stack: Angular, Ionic, TypeScript, Capacitor, RxJs, Sass, Unit Testing

- Involved in both individual and team-based assignments.
- Developed a **mobile app** for enrolling work phones, ensuring **vulnerability assessment and compliance** tracking.
- Built an **internal Wikipedia-style application** to securely centralize company documents and data, featuring an **advanced search filter** that could search both **document content and metadata**.
- Created a **tablet application** with a **modern, fully responsive design**, optimized for **low-speed or unstable internet connections**. The app stored edits locally and **synced changes automatically** when connectivity was restored. It enabled field staff to add **photos of repaired items** covered by insurance, **create new insurance entries**, **view insurance history** by item or customer
- Regularly presented new features during **demo sessions** with the client.
- Conducted multiple onsite visits to the client in **Munich, Germany**, maintaining a **strong, collaborative relationship**.

Intern | Dec 2018 – Feb 2019

Tech stack: Angular, Ionic, TypeScript, RxJs

- **Quickly acquired necessary technologies** to align with project requirements and ensure a smooth onboarding process. **Contributed to client project** by handling initial development tasks and integrating into the team workflow.

EDUCATION

Master Degree in *Computer Science for Business Management* | 2018 – 2020 | Grade 9.66

Licentiate Degree in *Computer Science for Business Management* | 2015 - 2018 | Grade 9.50

Gained interdisciplinary expertise across **IT and economics**, including:

- **Technical domains:** IoT, mobile app development, web technologies, AI, computer network security, GDPR, PL/SQL, Big Data, WordPress, and e-commerce systems.
- **Programming & databases:** Proficient in C++, C# (Console and Windows Forms), SQL, HTML, PHP, and Access databases.
- **Economic disciplines:** Management, statistics, accounting, marketing, econometrics, and office tools.
- **Project management:** Familiar with planning, coordination, and delivery processes in software and business environments.

Recognized in the past also for:

- Optional parameter extended on generic class in TypeScript (Feb 2024). [See post on Medium](#)
- Different Hackathons in Romania, where I achieved 2nd place at Rau-DevHack Hackathon (Apr 2019) and 1st place for Web&Mobile Challenge at DevHacks (Nov 2018). [See projects on GitHub](#)
- My proactivity to help others to learn, starting from my university colleagues and extending to work colleagues, also recognized by [IBM Mentor](#) badge in 2020.
- My awesome [website portfolio](#) where I constantly challenge my creativity and stay up to date with the newest technologies, also reachable by scanning this QR code:

