**Gheorghe Madalina-Eleonora**

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# 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

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| **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**.

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| **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.

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| **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](https://medium.com/p/962cdc1526c5)
* 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](https://github.com/madalinaeleonorag?tab=repositories&q=hackathon&type=&language=&sort=)
* My proactivity to help others to learn, starting from my university colleagues and extending to work colleagues, also recognized by [IBM Mentor](https://www.credly.com/badges/841adfea-65df-4a8e-bbe1-267d70cb6a21) badge in 2020.
* A qr code with a dinosaur

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