Andrei Dorin Mihaila

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EXPERIENCE

Frontend Developer — July 2022 - Present
BCR — *Bucharest, Romania*

- Dedicated Angular Expert, enhancing the **My Advisory Platform (MAP)** used across all BCR banking branches in Romania.
- Advanced Angular Techniques and Robust Development using **Angular 16**, **RxJS**, and **Karma testing**.
- Innovative Strategies and Custom Design with **SCSS** and **Bootstrap**.
- Pioneered client-based architecture and **microfrontends** in MAP using **module federation**, and configured **Kubernetes (k8s)** for efficient scaling and high availability.
- Implemented the **Repository Pattern** for efficient data management and abstraction, enhancing code maintainability and scalability in MAP.
- Utilized **Backend for Frontends (BFFs)** approach to optimize the communication between frontend and backend services, improving performance and user experience in MAP.

Frontend Developer — June 2022 - June 2022
Vasonim — *Bucharest, Romania*

- Developed a psychotherapist web application using **Remix** and **AWS technologies**, focusing on user experience and secure data handling.

Frontend Developer — March 2022 - May 2022
Trilogy Optic — *Bucharest, Romania*

- Led the development of a **React/MERN Stack**-based e-commerce platform for prescription glasses, integrating **PayPal API** for payment processing.
- Collaborated on **UI/UX** design and backend services, optimizing for responsive design and enhancing customer shopping experience.

PROJECTS

NFT Marketplace 🔗 – Developed a Next.js-based NFT marketplace with decentralized storage and smart contract integration.

Trilogy Optic E-commerce Platform 🔗 – Led the development of a full-stack e-commerce platform using the MERN stack.

EDUCATION

Bucharest University of Economic Studies — Bucharest, Romania
Faculty of Economic Cybernetics, Statistics and Economic Informatics — *2020 – 2023*

- Bachelor in Computer Science

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS
Frameworks/Libraries: Angular, React, Vue.js, Next.js, RxJS, Redux, SCSS, Bootstrap
Developer Tools: Webpack, Git, Docker
Cloud Services: AWS, Kubernetes
Testing Tools: Karma Testing
Other Skills: Remix.run, Solidity, MetaMask Integration, Piñata for decentralized storage

AWARDS

Winner of BCR Internal Hackathon 2023: Developed an automated HR application enhancing efficiency and employee engagement through automation solutions.

Winner of BCR Internal Hackathon 2022: Created an AI-driven financial advisor app, utilizing AI for personalized guidance, boosting client engagement in financial services.