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|  | Alex  Dragnea |  |  |  |
|  |  |  | alex.dragnea@cognizant.com |
|  |  |  | +40758012950 |
|  | Mobile Cross Platform Engineer |  |  | https://www.linkedin.com/in/alex-dragnea/ |

**Summary \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

A passionate software engineer who thrives on complex challenges and is eager to make a real impact. With over ten years of experience in the software engineering field, including five years specializing in cross-platform development, I am deeply committed to technology, clean code, and performance optimization. Personally, I am a fast learner, communicative, organized, and an excellent team player.

I am always eager to learn and share knowledge within the team, supporting junior colleagues in overcoming their challenges. Throughout my career, I have had the privilege of working on a wide range of projects across diverse industries, including automotive, fashion, social media, and healthcare. I have collaborated with distributed teams in Germany, the Netherlands, England, Spain, France, Turkey, Ukraine and Serbia, adapting seamlessly to various cultural nuances.

Thriving in collaborative environments, where brainstorming and refining ideas collectively lead to enhancing our products. Integrity, loyalty and expertise are foundational to my approach. I am a strong advocate for clean code, best practices and continuous learning. I believe in staying adaptable in this ever-evolving field, whether it’s mastering new libraries, optimizing for mobile devices, or implementing the latest accessibility standards.

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| **Areas of expertise** |  | **Industries** |  |  |
| * Mobile Development with Flutter * Mobile Development with React Native * JavaScript * TypeScript * Flutter * ClojureScript * Unit Testing * UI Performance * E2E Testing |  | * Banking * Medical * Retail |  |  |
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**Work experience \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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|  |  | **Flutter Software Engineer – Banking**  Working on a multi platform mobile application written in Flutter that works on multiple devices like phones, tablets with integrated POS terminals, barcode scanners and printers. The app is handling restaurant orders, stocks and reservations but also booking appointments for different services providers and generating invoices and also processing payments.  **Responsibilities:**   * Implement new features * Create flutter plugins/package * Integrate Artifactory for deployment and fetching flutter packages * Code reviews * Bug fixing * Code refactors * Handle state management (Provider, GetIt) * Unit tests and integration tests   **Skills**:   * Development: MVVM architecture, Mono-repo project managed with melos, Artifactory layer for deploying and fetching the flutter packages, Unit Testing * Tools: VSCode, XCode, Bitbucket, Git, Jira, Figma, Android Studio, Bruno * Infrastructure: CI/CD, Jenkins, Artifactory, Hardware devices * Methodologies: Agile SCRUM |
| **Cognizant project** |  |
| 2024 - current |  |
|  |  | **React Native Software Engineer – Banking**  The primary goal of the application was to provide users with a comprehensive banking solution at their fingertips. Users can transfer money, check balances, make online payments, generate virtual cards, deposit funds, and more. The project was developed using a high-level, opinionated framework that leverages React Native building primitives and established open-source React and React Native libraries. The mobile application was structured as a monorepo, housing multiple distinct projects within a single repository, with well-defined relationships and the necessary tooling to support them.  **Responsibilities:**   * Implement new features * Code reviews * Bug fixing * Code refactors * Handle state management (Redux-toolkit, Context) * Unit tests and detox tests   **Skills**:   * Development: Unit testing, Clean Architecture, App Distribution, Data Caching, E2E Testing, Swagger * Tools: VSCode, XCode, Bitbucket, Git, Jira, Figma, Android Studio, Postman * Infrastructure: CI/CD, AppStore Connect, TestFlight, Fastlane * Methodologies: Agile SCRUM |
| **Cognizant project** |  |
| 2023-2024 |  |
|  |  | **Web Software Engineer - Medical healthcare web app**  Working as a FullStack developer on implementing new terms and conditions for a dentist web application that processes patients biometric data.  Been in contact with the designer, legal team, and dentists from different countries to align the terms and conditions.  Translated requirements into scalable, clean, tested and well documented code. |
| **Smilecloud** |  |
| 2023 |  |
|  |  | **Web Software Engineer – Real estate agency platform**  Developed a project from the ground up for a real estate agency, involving critical frontend architecture decisions and initial project setup. Collaborated within the team to create a comprehensive platform enabling real estate agents to manage properties, upload 2D and 3D plans, and display images effectively on the platform.  The platform also includes an admin area for property management and a user interface for client interactions. |
| **BitExpert project** |  |
| 2023 |  |
|  |  | **React Native Tech Lead – Animals and Plants Identifier mobile app** |
| **Individual project**  2023 |  | The primary purpose of the application is to help users identify animal and plant species using AI technology. Identified species are placed on a map, allowing other users to view them, add comments, and engage in discussions.  For this project, I assembled and led a team of four developers, overseeing code reviews, task definitions, and team coordination to ensure we met the project requirements. |
|  |  | **React Native Software Engineer (ClojureScript 3 years) - Fashion industry mobile app** |
| **IWD**  **2017 - 2022** |  | Developed a mobile app for the fashion industry, enabling store employees to organize clothing displays according to guidelines set by visual merchandisers. This app was adopted by major fashion brands with extensive retail networks. It was designed to handle large datasets, ensuring robustness and speed while maintaining functionality even with low internet connectivity. |
|  |  | **Web developer – ERP web application** |
| **bergSoftware project**  **2015 - 2017** |  | Working in a team of eight developers on an ERP web application with around one hundred thousand users.  My role as Frontend Software Engineer was to build new components and to upgrade the web app from a legacy version using MVC model for the frontend. |
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|  |  | **Software developer – Data exchange apps** |
| **Continental Automotive**  **2011 - 2015** |  | Implementing data exchange projects to facilitate information exchange between different project tracking applications. Worked on optimizing the processes and also on administrating the Oracle Weblogic Server where our apps were deployed and running. |
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**Education \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­\_\_\_\_\_\_**

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| Technical University of Computer Science Timisoara  2008 - 2013 |  | * Bachelor’s degree |
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| **Language \_\_\_\_\_\_\_\_\_\_** | |  | **Skills \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | |
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| **Romanian** | A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated |  | **React Native** | A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated |
| **English** | A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated |  | **React**  **TypeScript**  **ClojureScript**  **HTML/CSS** | A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated  A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated  A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated  A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated |
|  |  |  | **Flutter/Dart**  **Node.js** | A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated A white circle with black background  Description automatically generated  A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated A blue circle with black background  Description automatically generated A white circle with black background  Description automatically generated |
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**Outside of work \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Travelling, spending time with family, woodworking and diy projects.

**Selected relevant project experience \_\_\_\_\_\_\_\_**

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| **Cognizant - Banking**  **Timisoara, Romania** |  | **Restaurant/Appointment app with payment**  Working on a multi platform mobile application written in Flutter that works on multiple devices like phones, tablets with integrated POS terminals, barcode scanners and printers. The app is handling restaurant orders, stocks and reservations but also booking appointments for different services providers and generating invoices and also processing payments. |
| Multiplatform app |  |
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| **Cognizant - Banking**  **Timisoara, Romania** |  | **Mobile Banking app**  **React Native developer – Banking app**  The primary goal of the application was to provide users with a comprehensive banking solution at their fingertips. Users can transfer money, check balances, make online payments, generate virtual cards, deposit funds, and more. The project was developed using a high-level, opinionated framework that leverages React Native building primitives and established open-source React and React Native libraries. The mobile application was structured as a monorepo, housing multiple distinct projects within a single repository, with well-defined relationships and the necessary tooling to support them. |
| Multiplatform app |  |
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