Dan Merlea

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Work Experience - 10 years
- January 2022 - May 2023: **Krogan** as Co-Founder & Main Developer, Amsterdam, Netherlands
- June 2018 - January 2022: **Booking.com** as Engineering Manager, Amsterdam, Netherlands
- Apr 2017 - June 2018: **Booking.com** as Mid-Senior iOS Developer, Amsterdam, Netherlands
- May 2015 - April 2017: **Stefanini** as iOS Developer, Bucharest, Romania
- September 2014 - April 2015: **Elektrobit Automotive** as Software Developer, Brasov, Romania
- February 2014 - September 2014: **ATi Studios APPS** as iOS Developer, Brasov, Romania
- July 2013 - May 2014: **Siemens** as Junior Software Developer, Brasov, Romania
- March 2012 - September 2012: **High Contrast** as Entry-Level Developer, Brasov, Romania

Education
- 2011 – 2014 "Transilvania" University, Computer Science, Brasov.
- 2007 – 2011 "Mihail Cantacuzino" High School, Sinaia.

Skills
- ***Blockchain:*** *Creating an entire crypto project which includes an NFT Marketplace, a token Launchpad, and a Metaverse with a 3 people team. Staking, Airdrops, Dynamic Attributes, Minting systems, NFT Swap.*
- ***Management:*** *Experience leading teams of up to 10 people, mixed roles. Leading them to build successful tech products by using great communication skills, being agile, coaching & mentoring people, using KPIs, understanding the company's priorities, setting expectations, and doing performance management.*
- ***Mobile:*** *Advanced knowledge of Objective-C & Swift*
- ***Data structures and algorithms***, *OOP and Design patterns, big fan of reactive programming*
- ***Experience building a complex product from scratch*** *- setup a Linux server, building microservices (NestJS), connecting databases (MySQL / MongoDB / Neo4j), building web & mobile interfaces (HTML5, CSS3, iOS, Android), front-end development (React JS), smart-contracts, doing UX design*

Projects
- **Krogan**
  - https://kroganswap.com / https://kroganlaunchpad.com / https://krogancoin.com / https://kroganverse.com (MMO Play and Earn)
  - Complex Rust smart contracts, NestJS micro-services for blockchain data caching and fast retrieval, ReactJS front-ends.
  - A strategy game in which players can use NFTs & tokens to build companies, factions, and items to fight for supremacy.
- **Booking.com**
  - Having enough experience with a broader spectrum of technologies, I was selected to lead more than 12 developers in initiatives to improve the tech stack.
  - Continuous experimentation and improvement of user experience in the main Booking.com application.
  - Continuous code improvement in the areas touched and full ownership over the team code with testing code coverage of over 80%.
- **Stefanini & ATi Studios APPS**
  - Responsible for developing and maintaining more than 12 apps, most of them done from scratch and published to the App Store. The most popular apps are: Mondly Learning Languages https://www.mondly.com/ and Swish https://weswish.com/

Personal Summary
- Languages: Romanian (native), English (advanced)
- My personal interests and hobbies include: technology, karting, tennis, and traveling