

# Dorian Musaj

## Senior Software Engineer

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### Dorian Musaj

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### Skills

**Programming languages:** Javascript, Typescript, Java, Kotlin, C#, Php

**Backend development:** .Net & .Net Core, Spring (Java), Php, Node.js express, Serverless framework, AWS Services (Cloudformation, Aws Lambda, DynamoDB, Cloudfront, AppSync, GraphQL, S3, Route 53, CloudWatch, Cognito)

**Front-end and mobile app development:** React, NextJS, PWA, MeteorJS, SvelteJS, React Native, Xamarin(Cross platform. Android + iOS), Ionic Cordova (Hybrid apps), Flutter (experimenting and exploring), Android (Native with java/kotlin).

**Design and software patterns:** MVVM, MVP, Clean architecture, Repository pattern, SOLID, CQRS, Domain Driven Design, Onion and Layered architecture, Microservices.

**Version control:** Git, Tortoise SVN, TFS

**Work track and management:** Bitbucket, Trello, Jira, TFS (Team Foundation Service)  
Github, Gitea, Gitlab, Azure

**Tools and Skills:** Docker, CircleCI, Fastlane, React, AWS, DroneCI, ArgoCD, TeamCity, Auth0, Elastic, Redis, PostgreSQL, MeteorJS Android Studio, IntelliJ, Visual Studio, Visual Studio code, Eclipse, PGP encryption, Google play services (Firebase, FCM, Maps, Analytics etc), RXJava, RXAndroid, Kotlin coroutines, RX Kotlin, Volley, Retrofit, Dagger, Espresso, Mockito, Sugar ORM, Room, Dagger 2, Butterknife, IIS, Xampp, Wamp, MySQL, SQL Server, PostgreSQL, Jenkins, Azure pipelines, TeamCity, DDD.

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### Why me

The most important is delivering professionalism to clients, that is paramount to me and I make a point of always meeting their expectations and adhering to the time constraints of their projects. The necessary professional attitude includes being respectful towards the client, being resilient in the face of obstacles, creating realistic timelines and deadlines and holding oneself to the highest standard. I regard this skill as a crucial part of the skillset. In the software development realm, I prioritize clean

code, scalability, and making sure my code is testable and performs at its best. Maintaining these standards and regularly reviewing the performance of code is important to the successful completion of an app.

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## Experience

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### Modus Create / Senior Full Stack software engineer

February 2023 - Present, REMOTE (Full-time), (Georgia, USA)

**Stack & Tools:** React, MUI, .Net Core, Postgresql, Cosmos DB, Azure, Terraform, Azure KeyVault, Azure Jobs, Elastic, Redis, Azure Pipelines, CQRS, Microservices, Azure AD.

Joined Modus Create in Feb 2023. The main responsibilities focus around development of version 2.0 of the already existing (legacy) platform. The role is fullstack and I am working on building frontend side (react) and backend side (.Net Core / C#) following microservices approach.

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### Orderin / Senior Full Stack software engineer (Team leader)

January 2021 - February 2023,, REMOTE (Full-time), (Cape Town, SA)

**Stack & Tools:** React, NextJS, MUI, .Net Core, Postgresql, Mongo, AWS, Terraform, Github workflow and packages, Docker, Kubernetes, Elastic, Redis, GraphQL, CircleCI, Microservices, Auth0, HotChocolate.

Started the journey at Orderin by being part of the consumer platform team that built consumer facing products.

We built a delivery app (PWA) for McDonald's South-Africa and I was responsible for building new features and adding optimizations to the app and platform. The app was being used by McD customers to order the food.

At a later stage we started working on a SaaS solution (delivery platform) to facilitate small, medium and enterprise businesses with delivery capabilities.

Also in the meantime we provide other customized solutions for some of the big names in SA.

#### Responsibilities:

- Build React, NextJs code in the front-end side.
- Build .Net/C# code for the Micro-services following Domain Driven Design principles and patterns in the back-end side.
- Assisting with code reviews (making sure principles are followed and no spaghetti code lived in the code base).
- Work closely with product owners to ensure that team delivery is managed and resources efficiently.
- Help team members with unblocking, organize tech sessions between the folks.
- Mentor and develop a diverse team of talent.
- Worked across departments to build a software engineering excellence culture.
- Participate in interviews and lead the team to develop skills.
- Set standards and share knowledge, ensuring the team remains

engaged and skilled in the newest technology.

- Facilitate sprint planning/retro/refinement sessions (scrum).
- Organizing virtual team-building activities to get the team together in the remote world.
- Participate in Architectural planning and decision meetings.
- Design customized solutions for different clients.
- Provide feedback for new ideas and implementations.

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## **Social Media Emotions / Senior Full Stack engineer (React-Native)**

January 2020 - January 2021, REMOTE (Full-time), (Vincenza, IT)

January 2021 - June 2021, REMOTE (Part-time)

**Stack & Tools:** React, React-Native, NativeBase, DynamoDB, AWS Appsync, Lambda, Cloudformation, GraphQL, Github workflow and packages, Docker, Sentry, FastLane GraphQL, CircleCI, OneSignal, Cognito.

Worked as senior level software engineer and consultant for the social media platform that company was building including mobile applications (Android and iOS), end-consumer and admin web application. The entire tech approach was serverless oriented architecture by having the back-end services written in AWS Lambdas (Node runtime).

Responsibilities:

- Software analyses for possible optimizations/glitches.
- Providing technical assistance and troubleshooting existing problems and issues for clients.
- Building react-native code (setup iOS certs)
- Building react code
- Provision AWS resources via Cloud-formation templates
- Provide code reviews
- Help with brainstorming sessions
- Design customized solutions
- Provide feedback for new ideas and implementations
- Develop source code maintaining a fluent, simple-to-read and well-structured way of coding
- Provide technical suggestions and solutions
- Setup continuous integration/delivery (CircleCI + Fastlane for automated push to App/Play store)
- Software technical evaluation and estimations

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## **AT Consulting shpk/ Lead Mobile app developer /React developer**

January 2019 - February 2020, TIRANA

**Stack & Tools:** Java, Kotlin, Javascript, Php, MySql, Ionic Cordova, PGP encryption, Android native development, cross-platform, React Native, React, coreBos CRM, Firebase, Google Play services, Docker build integration, Bitbucket CI pipelines, Xampp, MySQL, DroneCI, React, React-Admin, Material UI, Gitlab, Gitea.

Mostly engaged in mobile development (Android native) but also working

on fixing issues in mobile hybrid apps and react projects. Multiple projects (development/maintenance) at the same time.

Responsibilities:

- Lead mobile app developer
  - Requirements analyzing
  - Development of products through the software development lifecycle, from design to successful deployment
  - Analyze best solutions and for specific projects and define development practices, tools and technologies
  - Existing project maintenance/bug fixing
  - Developing source code for new projects
  - App integration with CRM system (coreBos crm)
  - Application delivery and deployment to respective stores
  - Handling communication to higher levels of company related to progress of projects or any obstacles occurred during the analyzing/design/development/testing/deployment phases.
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**3i Solutions / Lead Mobile app developer (Team leader)**

October 2016 - June 2019, TIRANA

Mobile application cross platform development with Xamarin framework (c#) and Android native app development (Java/Kotlin).

Responsibilities:

- Requirements analyzing
- Document breakdown structure
- Developing source code (for Android)
- Developing rest api endpoints (Spring/Java)
- Internal and manual testing before delivery to QA
- Daily stand-ups and weekly report from team members
- Workflow organization and task assigning for other team members
- Handling communication between team and higher level
- Release management (deployment and delivery process) for mobile apps in respective stores (Play/App store)

Technologies and tools used: c#, Java, Kotlin, Javascript, Sql Server, PostgreSQL, MongoDB, React-Native, Xamarin, Xamarin forms, Web Api, Spring, 2, Oauth 2, Android native, RXJava, Retrofit, Volley, Azure DevOps CI-CD pipelines, Jenkins, IIS, Unit tests, Manual testing, Instrumented testing, MVP, MVVM, Repository pattern, Git VSC, Tortoise SVN, VSTS, TFS, Agile, daily stand-ups, daily and weekly progress reports, two-weeks sprints, Eclipse, Visual Studio, Android Studio, Visual studio code, node.js, Firebase, Google play services, Analytics, Crashlytics.

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## **Software House Albania (SohoAL) / Android app developer (Java)**

May 2013 - June 2016, TIRANA

- Backend development (Php).
- Developing source code (for Android)
- Unit tests, internal and manual testing
- Play store delivery process
- Workflow organization and task assigning for other team members

Technologies and tools used: Java, Php, MySQL, Android native, Eclipse, Manual testing, Tortoise SVN, Google maps SDK, VOIP, Phonegap.

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## **Education**

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### **Faculty of Natural Sciences / Master's Degree**

November 2015 - February 2017, TIRANA

Completed master's studying process for 1,5 years in "Business Informatics".

### **Faculty of Natural Sciences / Bachelor's Degree**

November 2010 - September 2015, TIRANA

\*Completed 3 years of studying in Informatics, with some delays related to personal reasons.

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## **Other references**

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