

# ALEX MUSCA

Senior Full Stack Developer

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*Seeking to leverage proven leadership and expertise by learning, adapting, and taking part in building great products alongside great people.*

- Senior full-stack developer with a bachelor's degree in computer science and 8+ years experience in building products in industries such as education, data management, data visualization, touristic entertainment, and IoT.
- Experienced in the full cycle of a web application product: architecting, writing, testing, deploying, monitoring, and maintaining.
- Technical team lead with a proven track record of increasing users retention of 23% in a recent project (more details in work experience section).

## TECH SKILLS (YEARS EXPERIENCE)

React 6+	React Native 5+	NodeJS 5+	MongoDB 6+	MySQL 4+	CI/CD 5+	Docker 4+
Typescript 5+	NextJS 4+	GraphQL 4+	Testing: Cypress, Jest 3+	TDD 2+	ELK 2+	

## WORK EXPERIENCE

### CONSULTANCY

[Co-founder/Tech consultant | Jan 2019 - Current](#)

- From around 2015 I've been involved in a number of projects and companies as a tech consultant and full-stack developer. Worked in environments ranging from small telecom startups to large, well-established businesses.
- In 2019 I co-founded [appes.co](#), a tech agency offering custom consultancy and development services to non-technical business owners.

### COASTLINE ACADEMY

[Senior Full-Stack Developer | Jan 2021 - Feb 2022](#)

Coastline Academy is a state-of-the-art, tech, driving school. Was involved in the development of the backend admin platform for the support team and laying the foundation for the user-facing systems.

- Biggest involvement: driving lessons booking system, cypress testing setup, and development environment.
- Biggest challenge: working on the purchasing system.

**Tech stack: NextJS, React, Typescript, Firebase, GraphQL, Unit and Integration Testing, CI/CD**

## PARTNERSHIP ON AI

Senior Full-stack Developer | Jan 2021 - Dec 2021

My work at Partnership On AI (PAI) was to improve an open-source tool called AI Incident Database (AIID). AIID is a collection of well-structured information that classifies (using custom taxonomies) details about a specific event in which an AI system was possibly involved. My job as an open-source contributor in this project:

- Re-build the web app that interacts with this data
- Advise on the best practices for solving specific user-facing problems
- Decrease loading times of the app by improving the code logic

**Tech stack: React, GatsbyJs, Algolia, GraphQL**

## BABELE

Technical Team Lead | Aug 2019 - Sep 2021

My job at Babele was to redesign and implement the front end of an existing social networking and intrapreneurship web platform. Coordinated a small team of two developers and one UI/UX designer, and we delivered:

- Improved UI/UX - led to a 23% increase in user retention (clutch review)
- Approx 70% faster loading times
- A reduction of the cost of adding new features
- Reducing backend latency and inefficiency

**Tech stack: React, Redux, Rxjs, SemanticUI, CI/CD**

More in-depth details can be found in this client review: <https://clutch.co/profile/appes#reviews>

## INFOMOSS

Full-stack engineer | Feb 2017 - Oct 2018

Relevant projects:

- White-label app for hotel guests | **React, React Native, CI/CD**

Highly customizable white label app for hotels that allows hotel owners to personalize in minutes the skin of the app with their hotel's design along with managing features like order room service, changing TV channels, and changing the room temperature.

- React Native and Android App | **React Native, Redux**

Mobile app for streaming video content. One of the challenges was to integrate a native android module, responsible for the DRM content, into the React Native project.

- IoT system management | **Docker, ELK, React, React Native, Redis, Node.js**

A system for tracking and managing Intel Nuc smart devices mounted on board travel buses.

Areas/features I've contributed on: managing GPS location, collecting and reporting big data, LTE signal prediction heatmap

## **AZNOG**

[Full-stack Engineer | Jan 2015 - Jan 2017](#)

Aznog Technologies was a startup telecom company based in the UK. Responsibilities as a full-stack engineer were:

- Develop and maintain features for the main product - android VoIP calls app like authentication/registration systems, navigation and routing, UI/UX, and ads playback.
- DevOps experience in setting up, deploying, and maintaining docker based systems
- As a core team member of a small team, also worked on developing internal tools: ad delivery platform, stats and metrics platform, and data warehouse
- Took part in designing and building internal tools like the ad delivery system and ETL data warehouse.

**Tech stack: Javascript, Node.js, Android, PHP**

## **EDUCATION**

### **THE BUCHAREST UNIVERSITY OF ECONOMIC STUDIES**

[Bachelor's - Economic Cybernetics, Statistics and Informatics Economic Informatics | Oct 2011 - Jul 2014](#)