

# Cristian Musat

Full Stack Developer | TS Stack: NestJS, React, MongoDB | Golang: SSR, Microservices  
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## Summary

Full-stack TypeScript developer experienced in building scalable web applications with Next.js and NestJS. Focused on developer experience and exploring Golang for SSR and microservices projects.

## Experience

Cognizant – Software Engineer (October 2023 – Present), Brasov, Romania

### HealthCare – Optometry

Technologies: NestJs, TypeORM, MongoDB, Docker, KafkaJS, Swagger, NextJs, React, Zustand, Supertest, Azure DevOps, Kibana, Grafana

Responsibilities:

- Implement full stack features.
- Create and maintain new microfrontends and microservices.
- Design API and integration testing framework for a NestJS application.
- Integrate new Kafka topics and maintain configuration.
- Investigate bugs, analyze logs, and create documentation.

Team: 5 developers, 1 QA, 1 lead, 1 scrum master

### HealthCare – Pharmacy

Technologies: NextJS, React, Context API, React Hook Form, React Query, Golang, Gin, Air, HTMX, Jest, Datadog

Responsibilities:

- Implement and maintain internal UI library.
- Address security concerns and maintain clean audit sheet.
- Integrate UI libraries into other systems.
- Develop new features, fix bugs, and maintain CI pipeline.

Team: 4 developers, 1 QA

Fortech – Software Developer (March 2021 – November 2023), Brasov, Romania

### Social Media

Technologies: Node, Express, MySQL, Factory Jobs, Docker, AWS, Datadog, GraphQL, React, Angular, Sendgrid, Context API

Responsibilities:

- Implement full stack features.
- Develop and maintain UI library, versioning, and deployment process.
- Migrate legacy Angular features to React.
- Perform bug investigations and database migrations.

Team: 5 developers, 1 QA, 1 lead, 1 PM

### Healthcare – Inpatient Care, Realtime Messaging

Technologies: React, Context API, Socket.io, AWS, Jitsi, Jest

Responsibilities:

- Implement new UI/UX features.
- Add unit tests and maintain test coverage.
- Manual deployments to AWS S3.
- Mentor junior developers.

Team: 4 developers, 1 QA

iQuest Group – Software Developer (March 2019 – March 2021), Brasov County, Romania

#### Banking – Mortgages

Technologies: Angular, NgRx, RxJS, Sass, MySQL

Responsibilities:

- Implement new UI/UX features.
- Migrate old codebase to modern technologies.
- Develop HTML email templates and maintain consistent design.

Team: 12 developers, 4 QA, 1 lead

BIT Software – Front-End Junior Web Developer (May 2018 – March 2019), Brasov County, Romania

#### Agriculture – Monitoring

Technologies: React, Redux, D3.js, GraphQL, MongoDB, IndexedDB

Responsibilities:

- Develop new UI/UX features.
- Implement and maintain data visualization dashboards.
- Create reusable utilities for front-end workflows.

Team: 12 developers, 4 QA, 1 lead

## Skills

Cybersecurity: Acquired through Cognizant training and Linux Foundation certifications (LFC108, LFD121).

Node.js: Used in production at Cognizant, Fortech, and iQuest; certified via LFW111 and MongoDB Node.js Developer Path.

MongoDB: Applied in BIT Software and Cognizant projects; enhanced through MongoDB Academy certifications.

Data Modeling: Learned through MongoDB courses on schema design and optimization.

TypeScript, React, Next.js, NestJS: Core stack for current full-stack development work.

Golang: Used for backend services, focusing on SSR and microservices.

Other Tools: Docker, AWS, Kafka, GraphQL, Jest, Zustand, Swagger, Datadog.

## Certifications

Linux Foundation: LFC108 Cybersecurity Essentials, LFD121 Developing Secure Software, LFW111 Introduction to Node.js, LFS101 Introduction to Linux.

MongoDB: Advanced Schema Design Patterns and Antipatterns, Data Modeling Path, Schema Design Optimization, Node.js Developer Path.

Apollo GraphQL: Graph Developer – Professional.

## Education

The Informal School of IT – Certificate in Web Development (2017–2018).