

ISAAC NEWTON

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Lisbon, Portugal

Major Skills

Shell
TypeScript
Nest.Js/Node.Js
C#/.NET
Angular
Ionic Framework
HTML/CSS
SQL/SQL Server
MongoDB
PostgreSQL
Apache Pulsar/Kafka
RabbitMQ
Redis
DynamoDB
SQS
Docker
Swarm
Kubernetes
Terraform
Azure
GCP
AWS
ElasticSearch
Python

Expertise

Node.js
Serverless
Microservices
Geolocation Systems
Performance Tuning
Realtime and Event Architectures
Technical Leadership & Team Management
Design Patterns (DDD, SOLID, CQRS, etc.)

Languages

Portuguese - Native
English - Professional

Experience

Senior Backend Engineer - TUI

2021/2022 - Lisbon, Portugal

Designed, led and coded a scalable microservices architecture responsible for handling geolocations/destinations/content of a global e-commerce platform.

Technical Lead - GoGIN: The YARIS Platform (Contractor)

2020/2022 - Lisbon, Portugal

I designed and implemented the system architecture and the DevOps strategy. In addition to database design, DevOps pipelines, front-end development and back-end architecture and code, I also migrated the system from a monolithic architecture to microservices, performed performance tuning improvements and led the team responsible for the project.

Senior Software Engineer - Focus BC - Google Cloud Partner

2020/2021 - Lisbon, Portugal

I contribute to the development of SaaS and PaaS solutions with strong focus on geolocation problems and technologies. My main responsibilities was implementation of DevOps practices and backend development.

Lead Software Developer - MagniFinance

2018/2019 - Lisbon, Portugal

I worked in fintech related projects and in addition to full-stack development, I was responsible for team management, sprint analysis and planning, DevOps, code quality assurance and technical support to customers.

Mobile Developer - Codify

2016/2017 - Ceará, Brazil

I was in charge of design, development and publishing commercial applications in mobile platform.

Research Collaborator in the Tutored Education Program - PET

2015/2017 - Ceará, Brazil

Performed teaching activities in computer science, research on computer vision field and development of mobile and web applications.

Education

Bachelor of Computer Engineering

2014 - 2018, Federal University of Ceará - UFC

Master in Cloud Computing

2019 - 2021, Institute of Advanced Technologies - ISTEAC

Microsoft DevOps Engineer Expert

2020

Professional Google Cloud Architect

2021