

# Ana Silva

Lisbon, Portugal

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## Education

University of Lisbon

Master of Science in Computer Engineering

Sep 2019 - Jun 2021 | Lisbon, Portugal

GPA: 17/20

Activities: Women in Tech Ambassador, Open Source Contributor, Cybersecurity Club

Relevant Coursework: Advanced Algorithms, Machine Learning, Information Security, Computer Vision, Distributed Computing, Parallel Programming, Big Data Architecture

Exchange Program: Technical University of Munich 2020 (Grade: 1.3/1.0)

## Work Experience

Backend Developer | Farfetch | Aug 2021 - Present | Lisbon, Portugal

- Developed RESTful APIs using Node.js and Express, handling 2M+ daily requests.
- Implemented database optimization techniques that reduced query time by 65%.
- Collaborated with cross-functional teams to redesign the microservices architecture.

Junior Software Engineer | Talkdesk | Jan 2020 - Jul 2021 | Lisbon, Portugal

- Built automated testing frameworks using Jest and Cypress, increasing test coverage by 40%.
- Maintained and improved existing codebase in Ruby on Rails and JavaScript.
- Participated in code reviews and pair programming sessions with senior developers.

## Skills

Programming: JavaScript, TypeScript, Ruby, Python, Java, SQL

Frameworks: Node.js, Express, Ruby on Rails, React, Vue.js

Databases: MongoDB, PostgreSQL, Redis, Elasticsearch

Cloud: AWS (EC2, Lambda, RDS), Docker, Kubernetes

Testing: Jest, Cypress, RSpec, Selenium

Other: RESTful API Design, Microservices, CI/CD, GraphQL, Message Queues

## **Certificates**

MongoDB University: MongoDB Certified Developer

AWS: Solutions Architect Associate

HashiCorp: Terraform Associate

## **Awards**

Best Technical Solution - Web Summit Hackathon 2022

3rd Place - Portuguese Algorithm Competition 2020

University Merit Scholarship for Academic Excellence