



# Cesar Napoles

**Nationality:** Cuban **Date of birth:** 24/11/1990

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## ABOUT ME

I offer more than 10 years of experience as Computer Engineer, highly prepared as a software developer, in analysis and technical consultancy.

I am used to solving problems and unforeseen events autonomously, and with the ability to successfully combine different tasks. I am characterized by responsibility, proactivity, organization, and commitment to work.

Ease of communication and great ability to work as a team. High willingness for professional improvement according to the work environment, the tools, and technologies used.

## WORK EXPERIENCE

### **Caixabank Tech** – Barcelona, Spain

**City:** Barcelona | **Country:** Spain

#### **Software Engineer Pro**

[ 28/10/2024 – Current ]

- Designing and developing responsive user interfaces, components and pages using HTML, CSS, and JavaScript frameworks like React.js.
- Collaborating with cross-functional teams including designers, product managers, and other developers to create high-quality products.
- Developing microservices using Java, Spring Boot, and other related technologies.
- Creating and maintaining large-scale distributed systems using technologies like Kafka.

**Technical environment:** Java, JavaScript, HTML, CSS, Spring Boot, React, SQL, Oracle, PostgreSQL, GIT, JUNIT, Jest, Cypress, Maven, Kafka, Spring Cloud

### **Sttok** – Remote, Spain

**City:** Remote | **Country:** Spain

#### **Fractional CTO / External Tech Lead & Strategic Consultant**

[ 01/11/2024 – 28/02/2025 ]

- Led strategic technological decisions and architecture redesign for scaling to 250,000+ users.
- Directed the complete migration of the infrastructure to AWS, including CI/CD setup, Cognito integration, and secure networking.
- Supervised cost estimation and optimization using AWS tools with production-ready budgets and TCO analysis.
- Consulted on MongoDB performance tuning: indexing strategies, ESR rule application, and advanced Atlas Search usage.
- Defined alerting and monitoring metrics in MongoDB Atlas for performance reliability and predictive diagnostics.
- Provided technical leadership and mentoring across cross-functional development teams during migration and scaling phases.

### **Flyr** – Remote, Spain

**City:** Remote | **Country:** Spain

## Lead Engineer & Frontend Architect

[ 01/03/2023 – 01/09/2025 ]

- Led the frontend architecture for white-label airline applications deployed for FlyArystan, HKExpress, JSX, and PlusUltra.
- Defined a modular architecture enabling rapid deployment of new airline apps with shared core components.
- Managed integrations with airline reservation systems, disruption management platforms, and multi-channel communication services.
- Implemented micro-frontend strategies to decouple deployments across brand-specific UIs.
- Achieved a 60% reduction in time-to-market for onboarding new airlines by streamlining development and deployment processes.

## FIATC Seguros – Barcelona, Spain

City: Barcelona | Country: Spain

### Fractional CTO / External Tech Lead & Strategic Consultant

[ 01/01/2023 – 28/10/2024 ]

- Acted as a fractional CTO for internal digital transformation projects within the insurance sector.
- Led the complete redesign and migration of the internal intranet platform to Liferay, replacing a legacy CMS with a scalable and maintainable solution.
- Collaborated directly with technical and business stakeholders to align strategic objectives.
- Led vendor evaluations, technical audits, and roadmap planning for legacy system evolution.
- Mentored internal teams in agile development practices, CI/CD automation, and DevOps culture implementation.

## Amaris Consulting – Barcelona, Spain

City: Barcelona | Country: Spain

### Full Stack Developer / Project Manager

[ 06/05/2021 – 28/10/2024 ]

- Analysis, design and development of applications.
- Technical and functional consulting.
- Development, maintenance and migration of legacy applications, JAVA, Angular, Spring, React.
- Development and integration of APIs
- Planning, executing, and closing projects

**Technical environment:** Java, JavaScript, HTML, CSS, Spring, Angular, React, SQL, Oracle, PostgreSQL, MySQL, HBase, GIT, AWS, JUNIT, Jest, Cypress, Maven, Jira, Budget planner

## ISERN PATENTES Y MARCAS – Barcelona, Spain

City: Barcelona | Country: Spain

### Software Engineer

[ 29/07/2018 – 01/05/2021 ]

- Analysis, design and development of applications.
- Web developer
- Database developer, maintenance, user support.

#### Completed tasks:

- IsernTools, web management tool.
- Similar Files Detector v1.0. Artificial Intelligence Project in collaboration with UPC (Polytechnic University of Catalonia)
- Import of Bulletins. Automated program for downloading and uploading Bulletins in Database
- ISERN Images. Image processing program for Isern users.
- Client with an interface to consume web services published by the OEPM ([www.oepm.es](http://www.oepm.es))

**Technical environment:** Java EE, JavaScript, HTML5, CSS3 Soapui, JUnit, Spring MVC, Spring Security, Spring Boot, jQuery, Maven, Spring Roo, BIRT (Business Intelligence and Reporting Tools), Soap / Rest (JSON, XML), Bootstrap, JPA-Hibernate, Intersystems Cache, MySQL, SVN, GIT, Apache CXF.

## **Indra** – Montevideo, Uruguay

City: Montevideo | Country: Uruguay

### **Full Stack Developer**

[ 27/07/2016 – 05/06/2018 ]

- Analysis, design, and development of business applications.
- Technical and functional consulting.

#### **Completed tasks:**

- InGRID MDM project for the management and estimation of electrical measurements with implementation in Uruguay.
- Maintaining the quality of the code, automating tasks, and optimizing processes seeking a better user experience.
- API Rest Inventory for exchange with external tools of the client company.

**Technical environment:** BigData Cloudera (Hadoop, MapReduce, HBase), Spring, JPA, Hibernate, Quartz, Spring MVC, Spring Security, Spring Boot, jQuery, Maven, Spring Roo, BIRT (Business Intelligence and Reporting Tools), Soap / Rest (JSON, XML), Bootstrap, HTML5, CSS3, Javascript, Oracle, PostgreSQL, Apache CXF.

## **Universidad de las Ciencias Informaticas** – Havana, Cuba

City: Havana | Country: Cuba

### **QA tester**

[ 03/09/2014 – 15/07/2016 ]

- Quality Management Tester of projects developed at the University of Computer Science

#### **Completed tasks:**

- Functional Tests, Design and Execution of Test Cases
- Test Plan Design
- Automated Tests

**Technical environment:** Selenium, JMeter, JUnit, Linux, Microsoft Office, Open Office, Redmine.

## **Universidad de las Ciencias Informaticas** – Havana, Cuba

City: Havana | Country: Cuba

### **Software developer**

[ 03/09/2012 – 15/08/2014 ]

- Web developer

#### **Completed tasks:**

- Development of tools to manage components (services and dependencies) in XAUCE (Business framework).

**Technical environment:** PHP, JavaScript, HTML5, CSS3, ExtJS

## **EDUCATION AND TRAINING**

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### **Computer Science Engineer, Informatics Engineering**

**Universidad de las Ciencias Informaticas** [ 08/2009 – 07/2014 ]

City: Havana | Country: Cuba | Website: [www.uci.cu](http://www.uci.cu)

### **Master's degree in Big Data with Phyton**

**Escuela Superior de Informatica CIPSA** [ 15/06/2019 – 15/06/2020 ]

City: Barcelona | Country: Spain | Website: [cipsa.net](http://cipsa.net)

### **Master's degree in Java EE**

**Escuela Superior de Informatica CIPSA** [ 15/06/2018 – 10/06/2019 ]

City: Barcelona | Country: Spain | Website: [cipsa.net](http://cipsa.net)

## Cloud administration (Azure, AWS, Google Cloud)

**Amaris Consulting** [ 10/11/2022 – 10/06/2023 ]

City: Barcelona | Country: Spain | Website: [amaris.com](https://amaris.com)

## LANGUAGE SKILLS

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**Mother tongue(s):** Spanish

**Other language(s):**

**English**

**LISTENING** B2 **READING** B2 **WRITING** B2

**SPOKEN PRODUCTION** B1 **SPOKEN INTERACTION** B1

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## SKILLS

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### Programming languages

Java / JavaScript / HTML5 / CSS3 / PHP / JPA / Typescript / hibernate ORM / SQL

### Frameworks

Bootstrap / Spring / Angular / React / Maven / JavaScript - JQuery / Spring Quartz / HADOOP

### Version Control

Git / SVN / LiquiBase

### Testing

Cypress / JUNIT / Apache Jmeter / SoapUi / Selenium / Jest / cURL / Postman

### Management

JIRA / Redmine / Trello

### CI/CD

Docker / Jenkins / GitHub, GitHub Actions

### Cloud Platforms

AWS / Heroku / Azure

### Agile

Scrum

### IDEs

Spring Tool Suite (STS) / VSCode, Visual Studio / JetBrains IntelliJ Idea / Visual Paradigm / BIRT report designer / Eclipse / NetBeans / DBeaver