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* – Barelona, Spain

City: Barelona | **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* – Remote, Spain

City: Remote | **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)

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

Computer Science Engineer, Informatics Engineering

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

City: Havana | **Country:** Cuba | **Website:** 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

Master's degree in Java EE

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

City: Barcelona | **Country:** Spain | **Website:** cipsa.net

Cloud administration (Azure, AWS, Google Cloud)
Amaris Consulting [10/11/2022 – 10/06/2023]

City: Barcelona | **Country:** Spain | **Website:** amaris.com

LANGUAGE SKILLS

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

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