





# JOSÉ ROCHA

Software Engineer





 Highly committed to individual and teams challenges, I really enjoy thinking about the best solution to address problems and I truly believe in continuous learning and teamwork.


## Personal info

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## Background

 BsC Computer Science  
 MsC Electrical and Computer Science



## Interest Areas

 Software Engineering, Software Development, Programming, Algorithms, Data Structures, Distributed Systems, DevOps, Machine Learning

## Technical Skills

 C#, SQL, Python, Java, C/C++, Javascript, Bash, Yaml  
 .Net Framework, .Net Core, SqlServer, Microservices, WebServices, API's  
 Visual Studio, Git, TFS, Azure, Elastic Stack, Sonarqube

## Links

 joserocha94  
 joserocha94

## WORK EXPERIENCE

### Cofidis Portugal

Software Engineer, Software Architect

2022 – PRESENT

- › Working as a Software Developer and then as a Software Architect, I had an increasingly broader, more in-depth, demanding and exciting scope of responsibilities.
- › Integrated on an (essentially) back end, under Agile Methodologies, with a highly sparsed growing technical environment I had responsibilities such as:
  - Define, design and implement architectures, systems, applications or business processes;
  - Ensurance of premises such as security, performance, integrity, scalability, reliability;
  - Troubleshoot, debug, maintain, document, upgrade or code review applications, services and database processes according to principles such as Solid and Clean Code;
  - Assurance of autonomous processes of continuous integration and continuous delivery for +150 apps;

**Tech Stack:** Azure DevOps, CI/CD, Git, Elastic Stack (ELK), Sonarqube, .NET Framework, ASP.NET, SQL, C

### Mind Source

Cosultant

2016 – 2021

- › During my time at Mind Source I had responsibilities as trainee, junior consultant and consultant.
- › With a strong program aimed at the development and evolution of skills, I worked on both internal and client projects with a permanent assignment. As a Full-Stack developer, I had challenges such as:
  - Design and implement business processes and interfaces according demands or needs identified by the business areas of the client;
  - Development of internal applications and webservices;
  - Product development;

**Tech Stack:** .NET Framework, ASP.NET, SQL, C#, Full-Stack Development, Visual Basic .NET (VB.NET), MVC, WPF Development, Windows Forms, SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS), JS, XML, JSON, HTML/CSS

## EDUCATION

### Instituto Superior Técnico MsC, Electrical and Computer Engineering

2019

- Major: Networks and Communication Systems
- Minor: Computing Systems

- › Relevant Courses and topics: Network Algorithms, Algorithms Optimization, Distributed Systems, Information Systems, Parallel and Distributed Programming, Artificial Intelligence, Machine Learning;
- › Master Thesis: loading

### Universidade de Évora BsC, Computer Science

2012 – 2016

- › Software development and algorithm design oriented-learning in Python, Java and C languages. General knowledge of Assembly, Prolog, HTML, CSS, UML, SQL and PostgreSQL.
- › Content learning in areas such as Web Development, Computer Networking, Artificial Intelligence, Computer Graphics, Compilers, Architectures and Computer Systems. Use of tools and work development environments such as Python IDE, Assembler, LogiSim, SPSS, Visual Paradigm, Eclipse, DrJava and NetBeans. Knowledge on Windows and Linux.
- › Knowledge in cross-cutting areas such as Maths, Algebra, Physics, English and Management.