



MIGUEL OLIVEIRA

SOFTWARE ENGINEER

PROFILE



- Software Engineer at **CRITICAL TECHWORKS**
- Degree in **Information Technologies** at UA

CONTACT



- Aveiro
- oliveirasmj@gmail.com
- +351 913292405
- [linkedin.com/in/oliveirasmj/](https://www.linkedin.com/in/oliveirasmj/)
- github.com/oliveirasmj
- oliveirasmj.github.io/profile/

SKILLS



Languages:

- Java
- C, C#
- PHP
- Python

Frameworks:

- Spring
- Hibernate
- Laravel

Data Bases:

- MySQL
- PostgreSQL
- SQL Server
- SQLite
- MongoDB

Design Patterns:

- MVC
- DAO
- DTO

Versions:

- Git

Web:

- HTML, CSS
- Javascript
- React

Others:

- REST/ SOAP
- Android SDK
- QGIS

EDUCATION



ESTGA-UA, Applied Informatics (Master)

OCT 2021 - ACTUAL

- Application development for Industry 4.0 using IoT
- Big Data Exploration and Processing
- Design and development of intelligent interactive systems

ESTGA-UA, Information Technologies (Degree)

SEP 2018 - JUN 2021

- Software Developer/ Web Developer/ Designer
- Computer Network, System Administrator, Analyst.

ESTGA-UA, Network and ICT Systems (CTeSP)

SEP 2016 - JUN 2018

- Network planning, installation, configuration and administration. Telematic services.
- Object-Oriented Programming and System Security

E.S.J. ESTEVÃO, ICT Programming Systems (Secondary)

SEP 2010 - JUN 2013

- Programming and management of operating systems
- Computing networks and operating system config
- ICT – Information and computing technologies.

EXPERIENCE



CRITICAL TECHWORKS, Software Engineer

MAY 2022 - ACTUAL

- Software Engineer at Critical Techworks | BMW Group

MULTICERT, Software Engineer

SEP 2021 - APRIL 2022

- Cybersecurity, Digital Certificates, Advanced Electronic Identification Solutions, Information Management and Electronic Voting Solutions

CERTIFICATIONS



Azure DevOps - Continuous Integration & Continuous Delivery 2021

- [Credencial URL](#)

Git and Github Essential for the Developer 2021

- [Credencial URL](#)

Full Java - Object Oriented Programming + Projects 2020

- [Credencial URL](#)

ACHIEVEMENTS



- Best course average in Computer Networks and Systems
- "Prizes for the best students" - excerpt "Diário de Aveiro"
- Diploma of School Success with Award Ceremony
- Monetary award with the best average in each of the years of basic, secondary and professional education
- PSI Course Merit Award
- Diploma of Merit as winner of the first place in the "Programming Marathon"

HOBBIES



- Running
- Photography
- Guitar

RIS 2048, Software Engineer

NOV 2020 - SEP 2021

- Internal project called "Support Site". General platform for the management of the entire company. Development project over the years.

THINK DIGITAL, Software Engineer (Internship)

FEB 2018 - JUL 2018

- Internship IoT project "Smart Parking Solution": [LINK](#)
- Microcontroller Programming.

DEVELOPED PROJECTS



E-Center

SEP 2019 - JAN 2020

- Android App (Java) to manage hospitalized patients at caregiver's responsibility --> Link demo

MyCampi

SEP 2019 - JAN 2020

- Web platform / application mobile requested by the UA to manage the University Campus. I was invited to the development. The user can generate alerts of existing problems in university --> Link demo

Parking system at Barra Beach

SEP 2019 - JAN 2020

- Project for the management of parking place at Barra beach requested by University of Aveiro

Management of Gas operated Machines

JAN 2019 - JUN 2019

- Project for the management of Gas operated machines requested by Aburi Gás & Sérbica.

Integrated project in Network and ICT systems

JAN 2018 - JUN 2018

- Network diagram | Vlans | IP Addressing | DHCP | Routing | NAT | IPV6 | Tunnels | VOIP | WEB server | Email | Domains | Wifi | VPN | LDAP | Integrated Backup | Monitoring | Firewall |

Network management

JAN 2018 - JUN 2018

- Project for the management of network requested by University of Aveiro: File/printer sharing, Website CMS, Website content, filtering, Mailinglist