Ricardo Rato

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Software Engineer

Front End | Full Stack | Back End

Finishing CS50x from Harvard, a Bootcamp and enrolled in AWS Skill builder in order to start a bright career as Software Developer! Already Implemented some projects with C, Python, JS, HTML, CSS, SQL, Flask, Jinja. Always hunger for new knowledge and curious about new things, with a fantastic learning capacity. Great Systems Administrator background with over 9 years of experience and IT technician since 2007.

WORK EXPERIENCE

Portuguese Air Force - Beja   June 2007 to June 2013
Systems Administrator

- Successfully managed ServiceDesk support with over 500 network users

- Collaborated in hardware and software troubleshooting on a daily basis

- Proactively implemented network imaging service with Acronis service deployment, reducing each intervention time by 25%

- NATO and Portuguese Air Force secure network infrastructure maintenance

- Weekly Data Center backups and monthly server hubs maintenance

- Active collaboration on international missions with IT support

- Daily management of iPrint user permission groups and network access groups

- Intranet website administration

- Procedures documentation improving dramatically team response time

- Audiovisual support for each Air Base briefing

Freelancer IT technician - Beja   April 2007 to present
IT technician

- Hardware, software and networking domiciliary and remote support

- Printers installation and configuration

- Hardware fixing

- Workstations assembly

Municipally Council - Grândola   July 2014 to December 2014
Systems Administrator

- Restructured and optimized network infrastructure of the council, speeding it up by 50%

- Provided hardware and software troubleshooting on a daily basis

- Created Parish 3D interest points with AutoCAD and Google Sketch Up

- Cloud storage and respective security policies implementation, eliminating all redundancy

Decentralized Data Validator - Beja   June 2017 to August 2022

- Fascinated about WEB3.0, embraced the possibility to contribute to the maintenance of the Ethereum protocol until the upgrade to *prove of stake* mechanism
- Custom servers assembly, cooling systems design and proper cable management reducing power consumption by 55% and temperature by 25 degrees Celsius
- ASIC installation and configuration
- Developing the first self-sustainable Web 3.0 Data Center in Portugal

GNR – Guarda Nacional Republicana - Beja   September 2015 to April 2018

Police Officer

- Report every known illegal activity to the court helping population to be safe and secured
- General population proximity patrol activities
- Traffic control and inspection
- Administrative duties
- Court diligences
- Public attendance in general

GNR – Guarda Nacional Republicana - Beja   June 2018 to Present

UEPS Agent

- Integrated Heli transported Teams, whose main mission is to be the first line support in rural fire fighting
- Executed numerous first intervention missions
- Integrated search and rescue missions
- Environmental and forest management control missions

Certifications and Courses

Harvard - *online*

CS50x – Introduction to computer science, finishing in January 2023

Udemy - *online*

The complete 2023 Web development Bootcamp, finishing in February 2023

AWS Skill Builder

Cloud Essentials Learning Plan, september 2022

AWS Cloud Practitioner quest, October 2022

Portuguese Air Force – *Ota - Portugal*

Military training and IT Operator Course – June 2007

FDTI – *Évora - Portugal*

IT support, May 2006

GNR – *Figueira da Foz formation center - Portugal*

UEPS Agent training, June 2018

GNR – *Portalegre formation center - Portugal*

Police Officer training, June 2018

EDUCATION

Antonio Inácio da Cruz High School – *Grândola - Portugal*

Physic, Mathematics and Computer Science, June 2004

PROFESSIONAL SKILLS

- C, Arrays, Algorithms, JavaScript, Python, Data Structures, HTML, CSS, Flask, jQuery, NodeJS, API, Git, EJS, SQL, Jinja, Visual Code, Github, Git
- VMWare, TeamViewer, Zenworks, Acronis, AutoCad, Sketch Up, Photoshop, Active Directory, MS Windows, MSOffice, OpenOffice
- AWS Cloud Essentials, AWS Cloud Practitioner, Docker, Kubernetes
- Team work environment and independently as well
- Organized and great problem solver capacity

AWARDS AND HONORS

Military Exemplary Behavior Copper Medal – *Air Base N11, Beja*   August 2013
- Award given for 6 years of exemplary military conduct, without any criminal nor disciplinary punishment.

Military Praise – *Air Base N11, Beja*   June 2010
- Recognized for outstanding dedication and excellent professionalism, contributing effectively for the promptitude and efficiency of the IT service in Air Base N11.

LANGUAGE COMPETENCIES

- Portuguese: native language
- English: fluent language