



Fábio Capobianchi de Souza

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Work experience

IT help desk agent | G9telecom | 14/02/2023 - Current | Coimbra, Portugal

Help Desk

Equipment management

Tickets Platform

Breakdowns

Troubleshooting

Configuration and maintenance

Relationship with suppliers

Network Management

Education & Training

Degree in Computer Engineering | ISEC | 02/12/2018 - 11/11/2024 | Coimbra, Portugal

Address: Rua Pedro Nunes3030-199

Internship Degree Computer Engineering | G9Telecom | 14/02/2023 - 27/07/2023 | Coimbra, Portugal

The internship carried out at the company G9Telecom, had as its purpose the realization of the project "Cybersecurity - Automation of Intrusion Tests", this project consists of the development of a WEB API with a resource for automating penetration tests, and that can assist in the process of tracking system vulnerabilities. For the creation of the API, it was necessary to choose the development environment, which includes the operating system, the programming language and the necessary software. It was defined that in the execution of the project, only open source software should be used, so it was decided that Linux would be the basis of development, however it was necessary to test some distributions to decide which best meets the needs of the API, such as Ubuntu, Centos, Kali and Fedora. After testing, Ubuntu server proved to be the most suitable for hosting the API. Next, it was necessary to choose a server software and development language and data storage method. At this stage, it was suggested by my supervisor at the company that the most suitable language for creating the API would be PHP. With this indication I opted for a Linux, Apache, MySQL, PHP (LAMP) installation that offers a complete environment. In the next phase, together with the host company, the architecture of the API, its functionalities, and

the structure of the data organization were defined, in this phase the diagram of the API database was created. After defining all the parameters, the development of the API began, the methods, the database and the web interface were created, then exhaustive tests were carried out on the operation of the API in order to eliminate execution errors and parameter verification failures. In the final phase, tests were carried out on several

Field of study Software and applications development and analysis | **Final grade:** 16 | **Thesis:** Cybersecurity and Penetration Testing | **Link:** <https://fabio.capobianchi.pt/>

Language Skills

Mother tongue(s): **Portuguese**

	Understanding		Speaking		Writing
	Listening	Reading	Spoken production	Spoken interaction	
English	B2	B2	B2	B2	B2

Skills

Languages | Programing Languages: C, C++, Java | .NET CORE | Experience with PHP, SQL, HTML, CSS, JavaScript | Javascript, Shell Script, Power Shell, Python, Java, Html5, Css3, Bootstrap E React | Rest and Soap Webservices

Network | Networking (TCP/IP, LAN/WLAN, Wi-Fi, VPN, DHCP, port forwarding, switching, routing)) | Network interconnection (Cisco, Switch, Router) | LAN network configuration | Firewall and networks segments protection | Active Directory. | Cyber-security

Platforms | JIRA - Intermediate level | Git (Github / Gitlab) | Php Myadmin | Postman | Dockerhub | Jenkins - CI/CD | Ansible Automation | Provide server monitoring with Zabbix

Databases | Databases: MySQL, MariaDB, PostgreSQL, MongoDB

Operating Systems | Windows & Windows Server | Operating Systems (Windows, Linux)

Driving Licence

Driving licence B