Electro-Mechanical Technician and Electrician Transitioning to Cybersecurity

Cover Letter

I am a responsible, creative and motivated individual, with the ease and willingness to learn. I welcome the challenges and goals that your organization might ask. I have excellent interpersonal skills, and have experience working in teams in high pressure environments. In addition, I have the ability to solve problems effectively and reach goals set by the company. As I transition into the field of cybersecurity, I bring a hands-on technical background and a mindset focused on continuous improvement. I am fully open to relocation or working abroad if required by the company.

Experience

2024 - 2025

"Specialization in Cybersecurity"

During this year, I completed a hands-on cybersecurity master's program focused on real-world scenarios and applied projects. The program covered full network hardening, from endpoint protection to the deployment of VPNs for secure site-to-site connections. I also worked on forensic analysis, secure infrastructure using Docker and Kubernetes, and production environment auditing based on OWASP standards. The training included ethical hacking exercises with professional tools, simulating real attack and defense situations.

2024 - 2024

Bit2me, Alicante, Spain

"Frontend developer with Flutter"

During my cross-platform application development internship with the development team, I played a key role in creating an application using Flutter. This experience enabled me to learn more about the design and functionality of the app, enhancing my cross-platform development skills and deepening my knowledge of Flutter's capabilities.

2023 - 2024

PaynoPain Solutions S.L., Castellón de la Plana, Spain

"Frontend developer with React"

In my front-end development internship with the team, I was actively involved in developing a payment record section into the web-side using React. This role provided me with hands-on experience in both designing and implementing app functionalities, which significantly enhanced my front-end development abilities and deepened my understanding of React's features.

2016 - 2023

Kerajet S.A., (Almazora), Castellón de la Plana, Spain

"International Field Service Engineer"

- Fitting and setup of all printers associated with the Inkjet product lines.
- Sorting out trouble-shooting on-site and finding the breakdowns and repairing printers with complex electrical, mechanical or pneumatic issues.
- Giving technical feedback and sorting the breakdowns out with our customer call center.
- Giving initial and on-going support the customer operator and printer maintenance training.
- Ramp-up and commissioning of machinery.

Pedro Monserrat

24/03/1980

Castellón de la Plana

Spain

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2015 - 2016

Thistle Seafoods Ltd, Peterhead, Aberdeen, UK

"Electrical Maintenance Engineer"

Carrying out general factory maintenance, installing appliances, and performing preventive maintenance on various machines. Identifying and resolving electrical and mechanical breakdowns, as well as modifying electrical plans and panels as needed.

2013 - 2015

I spent this period of time learning and improving my English doing different English courses in Dublin as well as working as kitchen assistant between at the Dublin airport and La Tasca in Aberdeen.

2008 - 2013

Interior Ministry "Correctional Facility Castellón II", Castellón de la Plana, Spain

"Electrician"

Performing maintenance work at the prison, installing general electrical appliances with both 3PH and 1PH systems, managing material purchases and warehouse inventory. Drawing electrical plans using AutoCAD, maintaining network racks, installing new connection points, and servicing UPS systems.

2006 - 2008

Climelcas S.L.L., Castellón de la Plana, Spain

"Owner"

Working as a freelancer across Castellón City and Province, managing staff, handling personal bookkeeping, and carrying out all kinds of installations, including residential systems, solar panels, and industrial electrical panels.

1999 - 2006

Estudio Cerámico S.L., Castellón de la Plana, Spain

"Electro-mechanical"

I have been performing fault diagnosis and repair on PLC-controlled electrical and mechanical systems, programming PLCs and inverters, and conducting preventive and corrective maintenance. This includes handling pneumatic and hydraulic systems, assembling and testing 3PH/1PH motors, and applying PID control principles. I am also experienced in interpreting technical schematics and supporting continuous improvement through performance reporting.

Education

2024 / 2025 .- IES El Caminás, Castellón de la Plana
Advanced Training in Cybersecurity, EQF Level 5

2023 / 2024 .- Aula Campus - Burjassot, Valencia
Cross-platform App Developer, HNC

2021 / 2023 .- Aula Campus - Burjassot, Valencia
Front/Back-end Web Developer, HNC

2014 .- ASET International Oil & Gas Trainning Academy, Abedeen, UK
17th Edition IEE Wiring Regulations, City & Guilds 2382

2010 / 2013 .- IES Politècnic, Castellón de la Plana
Electrotechnical, HNC

2010 / 2013 .- IES Serra d'Espadà, Onda, Castellón de la Plana
Automatic Regulation and Control Systems, HNC

1994 / 1999 .- IES Politècnic, Castellón de la Plana
Industrial Electronics, HNC

Another Courses

2024	Artificial Intelligence applied to internationalisation	6h