

**Alfredo Ramos García**

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**Professional Profile**

Computer Engineer with experience in software development, project documentation, and collaboration in multidisciplinary teams. Adaptability to high-pressure environments and a strong focus on continuous learning, with a particular interest in cybersecurity and technology infrastructure management.

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**Work Experience****Software Engineer**

*Alten Soluciones Productos Auditoría e Ingeniería SAU, El Puerto de Santa María, Cádiz (2023 - Present)*

- Software development for internal products and clients such as Navantia.
- Project documentation and maintenance.

**Software Development Intern**

*Alten Soluciones Productos Auditoría e Ingeniería SAU, El Puerto de Santa María, Cádiz (2023, 6 months)*

- Software development in projects such as C4IP and Digital Twin.
- Preparation of technical documentation.

**Software Development Intern**

*Surcontrol, El Puerto de Santa María, Cádiz (2023, 2 months)*

- Software development in production environments.
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**Academic Background****International University of La Rioja (Online)**

*Master's in Cybersecurity (2025 - Present)*

**School of Engineering, University of Cádiz**

*Bachelor's Degree in Computer Engineering (2017 - Present)*

**I.E.S. Castillo de Matrera, Cádiz**

*High School Diploma in Technological Sciences, with French as the first language (2015 - 2017)*

**I.E.S. Castillo de Matrera, Cádiz**

*Bilingual Secondary Education in Technological Sciences, with English as the first language (2011 - 2015)*

## Certifications and Additional Courses

- **CCNP Routing & Switching Route:** Implementing IP Routing, Cisco (Online, 2021)
  - **CCNA Routing & Switching:** Introduction to Networks, Cisco (Online, 2020)
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## Skills and Knowledge

### Software Development

- Languages: C, C++, Node.js, TypeScript, Python, Java, JavaScript.
- Web development: HTML, CSS (intermediate level), React.js, Next.js, Astro.
- Databases: design and administration (2 years of experience in collaboration with the UCA).
- Containers and cloud: Docker, Kubernetes, AWS.
- Experience with REST and GraphQL APIs.
- 3D game development with Unity.
- Basic knowledge of data mining.

### Cybersecurity

- Risk analysis and cybersecurity governance (ISO 27001, NIST).
  - Digital forensics: evidence recovery and post-mortem analysis.
  - Incident response and contingency planning.
  - Network security: IDS/IPS, threat detection, and secure segmentation.
  - Ethical hacking and penetration testing (Pentesting using OWASP and OSSTMM).
  - Malware analysis and reverse engineering.
  - Secure software development and technical auditing.
  - Cybersecurity in Big Data and distributed systems.
  - Legal knowledge: cybercrime, GDPR, and current data protection regulations.
  - Technical risk communication and coordination with non-technical teams.
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## Languages

- **Spanish:** Native
  - **English:** Intermediate-high level (B2) - Aptis Certification
  - **French:** Intermediate level (B1) - One-month stay in France
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## Additional Information

- Proactive, outgoing, and team-oriented.
- Ability to adapt to dynamic and high-pressure environments.
- Interest in emerging technologies and continuous learning improvement.