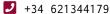
## **Richard Correa**

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in https://www.linkedin.com/in/richard-correa-mercado/





### About me

I am a Software Engineer with experience in designing, developing, and integrating biometric and security systems for the aviation industry. Over the past years, I have contributed to Thales' Fly To Gate (F2G) product, implementing facial recognition solutions at pre-security, boarding gates, and enrollment kiosks, currently deployed in major airports such as Changi, Milan-Linate, and across Adani airports in India.

My background includes full-stack development with .NET and Angular. I thrive in agile environments, collaborating with R&D teams to enhance software reliability and system performance.

I am motivated by projects that combine cutting-edge technology and real-world impact, especially in the fields of biometrics, security, and large-scale system integration.

### **Education**

B.Sc. in Computer Science, Universidad Complutense de Madrid.
2021 – 2022 Graduate Diploma in Productivity and Personal Development, Universidad Camilo José Cela.

# Additional professional development

Jul. 2024 Kubernetes al completo, Udemy.

Jul. 2021 Server-side Development with NodeJS, Express and MongoDB, Coursera.

Front-End Web Development with React, Coursera.

### **Experience**

#### **Thales** – Madrid, Spain

#### 2025 - Present **Software Solutions Engineer**

• Development, support and maintenance of the Fly To Gate solution

#### 2022 – 2025 .NET Software Engineer

- Development and integration of the Fly To Gate software for eGates and enrollment kiosks.
- Collaboration with cross-functional teams in Madrid and international locations.

#### 2021 – 2022 **Software Engineer Intern**

- Support for the R&D team in developing facial and high-temperature detection cameras (HTD), programming mostly in C#.
- Developed internal tools to improve accuracy of temperature measurement.
- Learned and applied new tools: Elasticsearch, Kibana, Docker.
- Participated in Fly To Gate (F2G) product:
  - Developed plugins using .NET for pre-security check and boarding gates integration.
  - Developed the configuration web app using Angular.

# **Skills**

Programming C#, C/C++, Java, Python

Databases MySQL, MongoDB.

Web Dev HTML, CSS, PHP, JavaScript, NodeJS, Angular, Flask.

Virtualization VirtualBox, Docker, Kubernetes

Search Engines | Elasticsearch, Kibana

Languages Spanish (native), English (high level spoken and written), Filipino (fluent)