

Richard Correa

✉ richardcorreame Mercado@gmail.com

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

☎ +34 621344179



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

2017 – 2022 📖 **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.

Jan. 2022 📖 **Docker - Introducing Docker Essentials, Containers, and more**, 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 |
| Operative Systems | ■ Linux, Windows |
| Search Engines | ■ Elasticsearch, Kibana |
| Languages | ■ Spanish (native), English (high level spoken and written), Filipino (fluent) |