

# Gael Abadin, M.Sc.

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## LEAD ENGINEER | Full Stack Developer | Digital Identity | Automotive

Experienced technical leader with a track record of successfully spearheading projects in the digital identity and automotive sectors. Passionate about building and leading high-performing engineering teams while delivering innovative solutions. Skilled in full stack development, backend web services, and embedded software engineering. Adept at integrating external services, driving scalability and performance. Seeking challenging opportunities to make a significant impact in a dynamic and technology-driven environment.

### Professional Experience



#### Inverid B.V.

🏠 **Senior Lead Engineer** (Valencia, 03/2023 – present)

🏠 **Senior Engineer** (Amsterdam / Hybrid, 12/2019 – present)

🏢 Digital Identity, KYC (Finance, Public Administration, Travel, Telecommunications)

🔗 ReadID by Inverid

🌐 UK Home Office (gov.uk GDS) | ING Bank | Rabobank | SK | AEGON | Others

- ✓ Built and led engineering teams, developing a training program for skill level and position, starting a new engineering center in Valencia.
- ✓ Integrated external services with the identity verification backend, focusing on scalability and performance.
- ✓ Organized Knowledge Sessions for the entire company, fostering knowledge sharing.

🛠️ Java/Jakarta EE, Eclipse Microprofile, AWS, ELK, Grafana, Angular, Python, JIRA, Confluence, GitLab, Postgres SQL, Docker, Jenkins CI, Maven, Ansible



#### Ficosa International (Panasonic Group)

🏠 **Lead Engineer** (Hyderabad, 07/2018 – 12/2019)

🏠 **Software Engineer** (Barcelona, 12/2016 – 12/2019)

🏢 Automotive (ICE & EV)

🔗 Telematics Control Unit Gen.1-4 (80%) | Surround/Rear View ADAS (15%) | EV Battery Management System (5%)

🌐 Nissan | Renault | Toyota | Maruti-Suzuki | Volkswagen Group | McLaren | Harley Davidson

- ✓ Built local teams and deployed work packages for projects in ADAS, Advanced Automotive Communications, and Command & Control business units, starting a new engineering center in Hyderabad.
- ✓ Recommended software development tools and solutions for specific products.
- ✓ Conducted training and mentoring activities for the company's product development process.
- ✓ Coordinated, on location (USA, UK), acceptance testing and issue containment & recovery campaigns for customer support activities.

🛠️ Python, Flask-RESTful, C, C++, JIRA, BitBucket, Confluence, Jenkins CI, DOORS, RQM, PIC & Renesas microcontrollers, Embedded Linux, Robotframework, Node, RabbitMQ



#### Imatia Innovation S. L.

🏠 **Software Engineer** (Vigo / Spain, 08/2014 – 12/2016)

🏢 Electronic Administration and B2B products

🔗 Cividas Citizen Portal | Smart Government Platform | Elastic ERP

🌐 Government of Spain | Inditex Group | Others

- ✓ Designed and implemented software components for different products.
- ✓ Built interoperability web interfaces between data sources and platforms.
- ✓ Served as the lead developer for electronic online administration and metrics modules.
- ✓ Developed the Smart Government Hadoop-based service interoperability REST API.

🛠️ Spring Boot, JavaEE, Oracle SQL, Docker, Jenkins CI, Maven, SVN, Hadoop, Redmine, HTML, Javascript, CSS



#### Freelance Full-Stack Developer

🏠 **Lead Architect & Full Stack Developer** (Vigo & Kraków / Full Remote, 2009 – 2014)

🏢 Information Technologies

🔗 Marketo Lead Tracking & Analytics | GoGuides Web Directory | Others

🌐 Hoosh Marketing | Others

- ✓ Coordinated and scheduled deliverables with project managers and vendors.
- ✓ Designed and implemented application features and web services.

🛠️ Java, Maven, git, Apache Solr/Lucene, AWS, Matlab, PHP, HTML, JavaScript, CSS

## Education and Certifications



### Universidade de Vigo

#### 🎓 M.Sc. Electrical Engineering

Specialization: Telematics

Master's Thesis: [synapp.info](https://synapp.info) – Crowdsourcing computational creativity

Knowledge domains: Software Development (Telematics), Embedded Systems, Engineering Management, Digital Communications Networks, Computer Architecture, Digital Signal Processing & Transmission, Electronics, Computational & Information Theory



### AGH University of Science and Technology

#### 🎓 Erasmus grant – full academic year

Computer Science & Telecommunications departments

## Other Certifications & Trainings

- 📄 eIDAS, ICAO 9303, OWASP, Secure Software Development – Inverid
- 📄 Scrum, V-Model, 8D, FMEA, AUTOSAR, Automotive SPICE, ISQTB – Ficos
- 📄 CSci 5980-1: Recommender Systems (Applied Machine Learning) – University of Minnesota
- 📄 CS-229 Machine Learning – Prof. Andrew Ng, Director of Stanford AI Lab
- 📄 CS-271 Artificial Intelligence – Prof. Sebastian Thrun (Google X founder), Stanford University

## Languages

- 🇪🇸 Spanish – Native
- 🇪🇸 Galician – Native
- 🇬🇧 English – Full professional proficiency (C2)

Online version: <https://gaelabadin.github.io>

