Gael Abadin, M.Sc.

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LEAD ENGINEER | Full Stack Developer | Digital Identity | Automotive

Experienced technical leader. Spearheading the development of successful, innovative products in the digital identity and automotive sectors. Passionate about building and leading high-performing engineering teams. Skilled in full stack development, backend web services, and embedded software engineering. Proficient at integrating solutions from different vendors and in-house developments into consolidated, reliable and profitable products. Driving scalability, efficiency, 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 (Netherlands / 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.
- Started 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 using in-house developed technologies.
- Built interoperability web interfaces between data sources and platforms.
- Served as the lead developer for electronic online administration and metrics modules.
- Developed a Hadoop-based service interoperability REST API for the Smart Government research project.

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 – 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 – Ficosa
- 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