


Gerard Álvarez Izquierdo

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EDUCATION

Universitat Politècnica de Catalunya | *Computer Science Degree* *Barcelona, ESP* | **2018 - 2023**

- Software Specialization

Additional Courses & Self-study | Edutin Academy, Google Activate, Udemy

SKILLS

Programming Languages:	<i>Java, C++, C, SQL</i>	Advanced
	<i>JavaScript, Groovy</i>	Intermediate
Frameworks:	<i>React js, Express.js, React Native, Spring</i>	Intermediate / Advanced
Others:	<i>Git, SVN, HTLM5, CSS, MongoDB, Node.js, PostgreSQL, Docker, Java Fx, Maven, Gradle</i>	Intermediate / Advanced
SO & Software	<i>Linux (RH8), Office-365, Eclipse, VSCode, Jira, AzureDevOps, Taiga, Flexsim</i>	Advanced

Soft Skills

- Adaptability
- Problem-Solving
- Communication
- Teamwork

Languages

Spanish	Native
Catalan	Native
English	B2
French	A2

EXPERIENCE

GTD SCIENCE INFRASTRUCTURES & ROBOTICS SLU | *Software engineer* *Part-time* | jul **2022** - aug **2023**

- Development and maintenance of SDD, a software platform for the ITER (International Thermonuclear Experimental Reactor), machine's CODAC (Controls, Data Acquisition and Communication).
- Acquired advanced technical skills and demonstrated problem-solving abilities in a specialized work environment. Utilized Java, Spring, SQL, and SVN technologies.

Expleo Group | *Java Software engineer* *Remote, Full-time* | sept **2023** - now

As a Software Engineer consultant for SIEMENS through Expleo Group, I've contributed to critical projects in the railway technology and transportation sectors:

- Full refactor of the old R9K control system config tool used for Madrid's Metro, optimizing architecture and integrating a Java-based graphical engine to enhance performance.
- Angular-Based Rendering Engine Integration: Integrating a new Angular-based rendering engine for the specific tool requested by CSX Transportation
- Development of the actual R9K Control System: Contributing to improvement of the tool