

Alvaro Morales

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Skills

- **Languages & Frameworks:** Java, JavaScript, TypeScript, C#, Python, Spring Boot, Node js, .NET
- **Tools & Technologies:** Docker, Apache Camel, Quarkus, Gravitee, n8n, REST, SOAP, AMQP, MQTT, Nginx, JUnit, WireMock, Postman, Cucumber
- **Databases:** MySQL, PostgreSQL, MongoDB, DynamoDB
- **Concepts & Methodologies:** Integration, Microservices, Agile methodology, Distributed Systems, CI/CD, TDD/BDD, EDI, Supply Chain, SAP
- **Languages:** English, Spanish – professional proficiency

Experience

Software Engineer	<u>Chakray Consulting</u>	<i>Alicante, Spain</i>	08/2022 - Current
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Developed integration solutions within a microservices architecture, connecting different platforms to enhance business workflows. Key projects include:

- Managed logistics data through APIs, connecting internal systems with POS systems for seamless transactions and real-time updates.
- Integration of Odoo ERP with multiple e-commerce platforms, streamlining data exchange and improving operational efficiency.
- Orchestrated message queuing systems, cron jobs, webhooks, and proxies to optimize task scheduling and enable real-time data synchronization.
- Enhanced system interoperability and security by leveraging API managers, eliminating bottlenecks for scalable and reliable interactions.
- Utilized SQL databases for efficient data querying and integration, ensuring precise data retrieval
- Accelerated deployment and testing by designing custom plugins, Cucumber steps, and archetypes, improving delivery timelines and quality assurance.

Software Engineer (Intern)	<u>Xeosefa</u>	<i>Elche, Spain</i>	09/2021 - 03/2022
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- Automated accounting and logistics processes within the application using .NET principles, optimizing workflows and reducing manual intervention.
- Integrated DynamoDB (AWS) into the application ecosystem, transitioning from SQL to NoSQL to enhance data handling and performance for high-volume transactions like sales and orders.
- Developed a cron job to automate batch order processing via REST API, significantly reducing manual effort and improving operational efficiency.
- Synchronized the internal ERP system (A3) with the application using A3's API, ensuring seamless data exchange and alignment across systems.

Education

Bachelor in Computer Engineering	<u>University of Alicante</u>	<i>Alicante, Spain</i>	06/2022
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Bachelor in Business Administration and Management	<u>University of Alicante</u>	<i>Alicante, Spain</i>	06/2022
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Publications

- Alvaro Morales (2023). [Automating Processes with n8n](#). Chakray Magazine.