Alberto Actis Dana

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EDUCATION

Diploma in Industrial Technical Expertise with Specialization in Computer Science `Sep 2004 - Lug 2009`
IIS C. Olivetti, Ivrea (TO), Italy

WORK EXPERIENCE

Head of Software Development `April 2019 - Present`
Ixla srl, Romano Canavese (TO), Italy
- Maintained and improved the existing machine control software, customizing it for different system models sold by the company.
- Implemented customer and sales department requests. Proficiently integrated diverse components within the system, including communication via serial, Modbus, TCP sockets, and the creation of REST APIs.
- Proactively conducted bug fixes and issue resolution to optimize system performance and ensure seamless integrations.
- Created a unified software solution to replace the fragmented old management software tailored for specific systems.
- Oversaw the entire project lifecycle, from concept inception, realization of a proof of concept to final execution.
- Architected a scalable and powerful software framework, ensuring smooth integration of various components like serial, Modbus, TCP sockets, and REST APIs for seamless cross-system communication.
- Actively led the software development process, successfully recruited and onboarded skilled resources to augment the team, facilitating expedited software development with integrated components.

Senior Software Development Engineer `Nov 2013 - Mar 2019`
INCAS Spa, Vigliano Biellese (BI), Italy
- Developed customizations to adapt the software's behavior to the unique logistics needs of clients. Implemented data exchange functionalities between the WMS and heterogeneous ERP systems using databases, files, and REST APIs.
- Created new features and modules, including a production/goods identification and inventory exchange system for multiple warehouses managed by different instances.
- Designed and implemented a flexible production line supervision system, capable of adapting to diverse line layouts, enabling efficient monitoring and control through PLC register read/write operations.
- Successfully integrated various devices, such as scales, labelers, barcode readers and voice picking systems, into the WMS software, enhancing automation and overall efficiency.
- Modified and built workflows for handheld devices, streamlining warehouse operations and improving user experience.
- Provided training and mentorship to junior team members, fostering their growth and contributing to the team's success.
- Engaged in direct customer interactions, providing support and assistance to ensure a smooth implementation of the software.
- Conducted comprehensive requirement gathering at the project's initiation stage, enabling a clear understanding of client needs.

Software Developer `Oct 2011 - Oct 2013`
Exida Development srl, Colleretto Giacosa (TO), Italy
- Developed cross-platform software (ActionScript Flex / SQLite) to facilitate the creation and assessment of projects adhering to Functional Safety standards (ISO 26262 / IEC 61508).
- Designed a bespoke file format to enable compression and secure encryption.
- Developed a robust WebService (Php, MySQL) to manage the application automatic update system.

Software Developer `Aug 2010 - Sep 2011`
TAgetAG srl, Busano (TO), Italy
- Designed and developed a web application (ASP.Net WebForms, Microsoft SQL Server, jQuery) for creating mobile websites using drag and drop components.
- Integrated third party APIs such as PayPal and Microsoft TAG generation API.
- Managed relationships with stakeholders during development, delivery, and post-sales phases.

SKILLS

Tech Stack C#, Angular, Entity Framework, PostgreSQL, VB.NET, JavaScript, ASP.NET Core