



Ernesto Scognamiglio

Junior Software Engineer

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📍 Utrecht

🔥 Programming Languages

• C#	Proficient	<div><div></div></div>
• Python	Proficient	<div><div></div></div>
• Javascript	Intermediate	<div><div></div></div>
• SQL	Intermediate	<div><div></div></div>
• Powershell	Intermediate	<div><div></div></div>
• HTML	Proficient	<div><div></div></div>
• CSS	Proficient	<div><div></div></div>
• C++	Beginner	<div><div></div></div>
• VBA	Beginner	<div><div></div></div>

🧩 Skills

Cloud Computing

- Microsoft Azure

Databases

- SQL
- Microsoft SQL
- MySQL
- LiteDB

Repositories

- SVN
- GIT
- FishEye Crucible
- TortoiseSVN

Frameworks

- .NET
- JQuery

⚙️ Technical Tools

Azure | CI/CD | DevOps | ESB | MySQL
| Nexus | Node.JS | PANDAS | VS
Code/Community | GIT | JIRA |
Confluence | Atlassian | XAML | SVN |
Jenkins | API | Agile | XML | JSON |
SQL Server Management Studio

🎓 Education

- **University of Pretoria**
*Bachelor of Commerce,
Business Management*
Completed in 2021
- **St Benedict's College**
IEB National Senior Certificate
Completed in 2015

Profile

Highly productive Junior Software Engineer with a strong foundation in technical problem-solving and a systems-thinking approach with years of extensive experience. Proficient in designing and optimizing enterprise IT solutions, integrating cloud-based systems, and enhancing application reliability. Skilled in Python, C#, and Azure, with proven experience in delivering high-quality outcomes that bridge business needs with IT capabilities. Passionate about leveraging modern technologies to drive operational efficiency.

Work Experience

Junior Application Engineer

Sept 2024 - Present

Royal Terberg Group 

Utrecht Netherlands

- As an integral member of the Application Engineering team, I design, develop, manage, and support diverse applications and systems to optimize daily operations. My role bridges the gap between operational business needs, internal project managers, and the central IT department, delivering tailored IT solutions that align with the organization's goals.

Key Responsibilities:

- **IT Solution Development:** Translate business requirements into effective IT solutions, leveraging technologies like Python, C#, .NET, SQL, and Cloud computing. Conduct technical research and gap analyses to propose and implement appropriate solutions.
- **Application Management:** Maintain, support, and enhance a varied application landscape, ranging from SAAS to on-premise solutions and web to local applications.
- **Software Development:** Develop custom software solutions, adhering to established development standards and processes.
- **Collaboration & Coordination:** Collaborate with cross-functional teams and stakeholders, ensuring seamless integration of IT solutions. Coordinate actions involving specialist support and external resources.
- **System Optimization:** Perform data corrections, interface development (API, XML, JSON), and ensure the functionality and efficiency of systems.
- **Tool Proficiency:** Utilize tools such as Confluence, Jira, Git, and DevOps to support software development and project management workflows. Managed the upgrade and deployment of the SVN repository system across multiple virtual machines, ensuring seamless integration and improved version control for the entire Software Engineering team. Ensured the new SVN system was fully compatible with essential tools such as CODESYS and Fisheye Crucible, maintaining seamless workflow integration and version control efficiency.

Junior Software Engineer

May 2023 - Aug 2024

ITrajectum 

Utrecht Netherlands

- Specialised in IPAAS solutions, developed, maintained, and supported enterprise integration solutions using ESBs like Microsoft's BizTalk and our proprietary ESB, Nexus
- Duties included end-to-end development, designing, and implementing integration flows with C# within the .NET Framework, Python, HTML, CSS, JavaScript, and PowerShell
- Worked extensively within Microsoft Azure and our company's virtual environment to ensure seamless operation and integration
- Monitored and maintained both Azure and internal virtual environments for optimal performance and reliability
- Participated in DevOps processes, contributing to CI/CD pipelines to enhance the development lifecycle
- Developed applications and IT solutions tailored to client needs, using XML, JSON
- Occasionally used assembly language for low-level integrations
- Managed and optimised SQL and MySQL databases for data integrity and efficient access
- Provided IT support, troubleshooting, and resolving issues to maintain stable and functional integration solutions