



# Dimitrios Savva

Senior Software Engineer

Technical Lead

## My Contact

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## Leadership Skills

- Planning
- Project Leadership
- Team Coordination
- Crisis Management
- Mentoring & Team Growth

## Technologies

- C# .Net / WebApi / Entity Framework
- Javascript/Typescript
- Angular/React/Other Frameworks
- Docker
- Azure DevOps
- Azure Cloud
- Microservices
- And much more...

## Education

- Middlesex University  
MSc Business Information Systems  
Completed in 2011
- University of South Africa,  
*Diploma In Datametrics*  
Completed in 2001
- Edenvale High School,  
*Matriculated with University Exemption*  
Completed in 1997

## About Me

With over two decades of rich experience in the software development industry, my current role at Entelect has been a testament to my dedication and skill in navigating complex technical landscapes and driving teams towards excellence.

My technical proficiency is grounded in .Net technologies with a strong focus on C# for backend development, complemented by a deep understanding of JavaScript frameworks like React and Angular, with a particular affinity for Angular and TypeScript. This blend of skills has been instrumental in my journey, fueling my passion for solving intricate problems and delivering solutions that embody efficiency and innovation.

Throughout my career, I have played a pivotal role in propelling clients towards their goals, swiftly overcoming technical challenges with practical, well-informed, and strategically planned problem-solving approaches. My technical leadership extends beyond project management; it is about cultivating a nurturing and dynamic environment within my team. By recognizing each member's unique strengths and areas for growth, I have guided many towards surpassing their own expectations, fostering a culture of continuous learning and skill refinement.

Looking ahead, I am enthusiastic about the prospect of taking on contractual roles as a Technical Lead, particularly in environments that thrive on Microsoft technologies and Azure. Additionally, I am open to Senior Developer positions on a short-term contractual basis, especially in scenarios that demand my expertise for specific projects or complex problem-solving initiatives. My professional curiosity also extends to the realm of generative AI, an area I am keen to explore further, particularly with clients who share a similar enthusiasm for this emerging technology.

I am eager to bring my extensive experience, technical acumen, and leadership capabilities to an organization where these qualities can contribute to significant achievements. I look forward to the possibility of discussing how my background, skills, and ambitions align with the needs of your team.

Thank you for considering my application.

## Current Employment

### **Entelect** | Technical Lead *April 2020 – Present*

Key responsibilities:

- Leading the analysis, planning, design, and development of sophisticated software features, ensuring alignment with client needs and industry standards.
- Driving architectural improvements, focusing on robust, scalable solutions in a cloud-based environment.
- Actively mentoring team members, fostering a culture of technical excellence and continuous learning.
- Spearheading feature development with a keen eye for innovation and efficiency.
- Conducting thorough code reviews, emphasizing code quality and maintainability.
- Implementing technical improvements and optimizations to enhance system performance.
- In-depth performance analysis and optimization, identifying and resolving system bottlenecks.

## Projects

### **Assupol Future State**

January 2023 – present

The Assupol Future State initiative is a comprehensive project aimed at transforming and modernizing legacy systems through cloud migration. This critical endeavour involves replacing outdated components with scalable and robust cloud-native solutions, enhancing agility and responsiveness. The project focuses on integrating cutting-edge technologies, maintaining security and compliance, and ensuring the infrastructure's adaptability to future business and technological shifts. By employing advanced tools like Docker and Kubernetes for containerization, and Azure DevOps for CI/CD processes, the initiative seeks to establish a sophisticated system architecture that meets the contemporary demands of insurance technology.

- **Technical Lead:** Guided the team through technical challenges, ensuring adherence to best practices and high-quality standards.
- **Feature Development:** Actively contributed to the development of new features, enhancing the overall functionality of the system.
- **Architectural Improvements:** Implemented significant architectural enhancements, including the introduction of distributed tracing using Open Telemetry and Application Insights.
- **Stabilizing Legacy Systems:** Played a pivotal role in stabilizing internal legacy systems, including detailed analysis and crisis management to improve system reliability.
- **System Architecture Enhancement:** Led the enhancement of system architecture and design patterns, resulting in improved efficiency and scalability.
- **Mentoring & Technical Growth:** Focused on mentoring and fostering the technical growth of the team, sharing knowledge and skills through in-depth sessions and collaborative efforts.
- **Achievements:** Successfully managed and resolved a critical crisis involving legacy systems, leading to enhanced system stability and client satisfaction. Introduced and advocated for technical improvements that significantly reduced front-end bugs and backend performance bottlenecks. Launched a Technical Growth initiative aimed at elevating technical excellence within the team.

Technologies: C#, WebApi, Entity Framework, SQL Server, Angular, Docker, Kubernetes, Azure DevOps, Azure Cloud

## **Anglo American AMP**

January 2022 -December 2022

This project focused on the asset management of mining equipment. It leveraged sensor data and third-party integrations to prevent costly equipment failures. The solution provided real-time monitoring of equipment health and maintenance, offering predictive insights for proactive management, thus enhancing operational efficiency and reducing downtime in the business.

- Providing technical leadership and strategic planning, ensuring robust and scalable solution architecture.
- Innovating in feature development, providing solution options and recommendations.
- Architecting and designing solutions for asset management, focusing on reliability and predictive maintenance.
- Mentoring team members, fostering a culture of continuous learning and improvement.
- Implementing and optimizing WebApi and Entity Framework within a React and Azure environment, enhancing system performance and scalability.

Technologies: C#, WebApi, Entity Framework, SQL Server, React, Azure DevOps, Azure Cloud

## **De Beers sales planning system**

April 2020 - December 2022

The project involved developing a complex system to streamline the sales process for De Beers, including forecasting and allocation of diamonds to customers. It also featured a customer-facing portal, which my squad was responsible for. The system played a pivotal role in enhancing customer engagement and optimizing the sales pipeline.

- Leading the squad in the development and implementation of features, focusing on customer engagement and sales efficiency.
- Engaging in feature development, ensuring seamless integration of forecasting and allocation functionalities.
- Providing mentorship and support to team members, enhancing their technical skills and project involvement.
- Collaborating closely with other teams and stakeholders to ensure a cohesive and user-centric system design.
- Utilizing C#, WebApi, Entity Framework, React, and Azure to create a robust and scalable platform.

Technologies: C#, WebApi, Entity Framework, SQL Server, Angular, Docker, Kubernetes, Azure DevOps, Azure Cloud

## Previous Employment

### **JvR Safety** | Senior Software Engineer / Team Lead

*April 2019 to March 2020*

Key responsibilities:

- Collaborating closely with stakeholders to develop the platform's roadmap, aligning it with strategic business objectives.
- Leading a dynamic software development team, fostering a culture of innovation and excellence.
- Providing mentorship and guidance to team members, enhancing their professional growth and technical skills.

## Projects

### **StratisQ Online**

April 2019 to March 2020

This project involved the transformation of an in-house product into a comprehensive multi-tenant SaaS platform. It featured integration with a JavaScript Reporting library, enabling self-service reporting capabilities. The redevelopment was pivotal in enhancing user experience and scalability, catering to a broader clientele with customizable reporting functions.

- Team Lead on this project.
- Defining of coding standards and code reviews.
- Managing, mentoring and assisting Team Members.
- Requirement Analysis and Specification.
- Development of new features, fixing of defects and assistance in testing. Code refactoring and performance optimization.
- Upgrading from .Net Core 1.1 to 3.1, Angular 4 to 8. · Custom Integration with Stimulsoft Reports including integrated report designer and server-side report generation using NodeJs. · Building custom reporting components. · Managing Jira Tasks, Approving pull requests, and build automation using Bamboo.

Technologies: C# (dotnet core), WebApi, Entity Framework, Angular 4-8, NodeJs, Docker, StimulSoft Reports, Bootstrap 4, Material Design, KendoUI for Angular

## **Entelect | Senior Software Engineer**

*April 2018 to March 2019*

Key responsibilities:

- Providing mentorship and support to team members, fostering a collaborative and skill-enhancing environment.
- Leading the development of innovative new features, ensuring alignment with project goals and client needs.
- Focusing on code refactoring and performance optimizations, enhancing system efficiency and reliability.

## **Projects**

### **FNB Apollo**

*April 2018 to March 2019*

The Apollo project involved creating a front-end system for business bankers at FNB. This system played a crucial role in managing various banking operations such as client management, account handling, card services, and customer onboarding. The platform was designed to streamline the banking processes, providing a seamless and efficient interface for both bankers and clients. The system's user-friendly design and robust functionality significantly improved operational efficiency and customer satisfaction in the banking sector.

- Spearheading the mentoring and assistance of the development team, ensuring smooth project execution and skill development.
- Driving the development and implementation of new features, enhancing the platform's capabilities and user experience.
- Conducting extensive code refactoring and implementing performance optimizations, leading to improved system stability and speed.
- Integrating TCP Sockets for real-time data communication, ensuring high-performance and secure data handling.
- Collaborating closely with stakeholders to understand banking requirements, ensuring the system aligns with business goals and user needs.

Technologies: C#, WebApi, Entity Framework, Angular 5, AngularJs, TCP Sockets

## **Addup Holdings Ltd | Senior Software Developer**

*January 2016 to November 2017*

Key responsibilities:

- Collaborating with stakeholders and team members to define system requirements and develop strategies to address business challenges.
- Providing mentorship and assistance to team members, nurturing their technical and professional development.
- Contributing to the development of in-house products and offering support to other teams as needed.

### **Projects**

#### **StratisQ**

August 2017 to November 2017

StratisQ is an innovative in-house product designed to enhance safety planning and monitoring across various industries. This solution encompasses project planning, survey capturing, and detailed reporting, all based on established safety methodologies. The system was integral in streamlining safety management processes, facilitating efficient project execution, and generating actionable insights through comprehensive reporting.

- Leading the team and coordinating with project sponsors and management to precisely define system requirements.
- Developing and continuously refining the solution, adding functionalities as project scope expanded.
- Ensuring the solution's alignment with industry standards and client expectations.

Technologies: C#, WebApi, SQL Server, HangFire, Angular 4, HTML, CSS, Bootstrap, Git, SSRS

#### **Acuity CRM**

January 2016 to November 2017

Acuity CRM is a custom-developed CRM solution tailored for small to medium-sized companies. The system offers a user-friendly interface while maintaining robust functionality for client management. Its development focused on rectifying design flaws in an existing prototype and establishing a solid foundation for future enhancements.

- Leading the project, liaising with stakeholders to define critical functionalities and system roadmap.
- Overhauling the existing prototype to eliminate design issues and set a clear methodology for ongoing development.
- Guiding the team in developing a fully functional CRM system based on initial specifications.
- Continuously interacting with the team to identify new client requirements, developing tailored solutions, and deploying updates.
- Utilizing a diverse technology stack to ensure a versatile and scalable CRM platform

Technologies: C#, WebApi, SQL Server, HangFire, Javascript, JQuery, Kendo MVVM, RequireJS, HTML, CSS, Bootstrap, Git

## **APC Global Systems Ltd | Software Engineer (Contract)**

Mar 2015 Dec 2015

Key responsibilities:

- Bullet Point
- Undertook regular travel to Zambia, working on a rotational schedule of four weeks on-site and two weeks off.
- Provided critical support for existing systems, ensuring their smooth and efficient operation.
- Developed new software solutions to enhance operational efficiency and data management.

### **Projects**

#### **Underground Truck Monitoring System**

Mar 2015 Dec 2015

This project involved creating a system to enhance management's visibility into underground truck operations. It focused on monitoring the movements of trucks and tracking the delivery of waste and ore to the surface. The system played a crucial role in optimizing logistics and operational efficiency in mining operations. Its implementation provided real-time data, facilitating better decision-making and process management.

- Collaborating closely with stakeholders to define system functionality and operational requirements.
- Conducting extensive research on RFID hardware and its integration into the existing operational framework.
- Developing a sophisticated web-based system for monitoring and reporting underground operations.
- Implementing and deploying the software for management use, ensuring user-friendly interfaces and reliable data reporting.
- Overseeing the deployment and testing of RFID hardware in underground conditions, ensuring robust performance and accurate data collection.
- Utilizing SQL Server for robust data management and reporting, facilitating efficient analysis of truck movements and load deliveries

Technologies: ASP.Net, VB.net, C#, WebApi, HTML, CSS, SQL Server, RFID Hardware

## **Realize IT Pty Ltd | Consultant / Software Developer**

*June 2012 to March 2015*

Key responsibilities:

- Engaging in consultations with clients to understand their business challenges and proposing effective software solutions.
- Responsible for the development and implementation of these solutions, ensuring they meet client needs and objective

### **Projects**

#### **Aluminium Doors and Windows Production Control**

*June 2012 to March 2015*

Zeus Aluminium required a system to efficiently track and manage the production schedule for their Glass and Aluminium projects. This need led to the development of specialized software designed to streamline production management. The implementation of this system was a significant milestone for the company, enhancing their project management capabilities and overall operational efficiency.

- Conducting consultations with stakeholders to understand requirements and define the scope of the solution.
- Leading the design and development of the solution, focusing on user-centric and efficient production tracking functionalities.
- Overseeing the entire deployment process, including rigorous testing, user training, and ongoing support, to ensure smooth integration and optimal performance.
- Utilizing a diverse technology stack to create a robust and user-friendly system.
- Ensuring the solution not only met but exceeded client expectations, significantly improving their ability to manage and oversee complex production schedules.

Technologies: ASP.Net, VB.net, C#, WinForms, HTML, CSS, SQL Server



## **Christodoulos G. Vassiliades & Co LLC | Head of Software Development**

*June 2009 to Aug 2012*

### **Key responsibilities:**

- Undertook the redesign of the company's primary information system, significantly enhancing its performance and functionality
- Continuously added new features to the aforementioned project, catering to evolving business needs.
- Developed a comprehensive Document Management System utilizing SharePoint.
- Provided expert consultation to the IT Department on various software solutions for IT challenges.
- Created an anti-money laundering system for a subsidiary company and developed a Management system for an associated Audit Firm.

### **Projects**

#### **Quantum**

*June 2009 to Aug 2012*

Quantum was a large-scale project aimed at managing and automating business processes in the fiduciary services industry in Cyprus. It replaced an outdated Microsoft Access-based system with a more robust windows application. The project involved complex data migration and feature integration to create a single, efficient platform.

- Consulting with stakeholders to gather and define system requirements.
- Leading the design and development of the solution, ensuring a seamless transition from legacy systems.
- Managing the deployment process, including comprehensive testing and user training.
- Providing ongoing support and enhancements, ensuring the system's alignment with business goals.

Technologies: ASP.net, VB.net, Javascript, Oracle 10g, MS SQL Server 2008, MS Sharepoint, ASP.Net Web Services

#### **Mediterranean Finance Coinstar**

*Feb 2012 to Apr 2012*

This project was developed as a fraud prevention tool for money transfers out of Cyprus. It incorporated rules set by the Central Bank to combat money laundering, focusing on identifying clients not abiding by these regulations.

- Collaborating with stakeholders to identify and define project requirements and objectives.
- Designing and developing the system to enforce regulatory compliance and fraud prevention.
- Executing deployment, thorough testing, and providing user training and support to ensure effective implementation.
- Successfully meeting the satisfaction of the Managing Director and gaining approval from the Central Bank of Cyprus.

Technologies: ASP.net, VB.net, Javascript, MS SQL Server 2008

## **Intertax Audit – Audit management system**

June 2012 to August 2012

This project involved creating a web-based solution for managing thousands of annual audits for Christodoulos Vassiliades. It integrated with Quantum and OASYS systems, streamlining the audit management process.

- Consulting with various stakeholders to understand and define the solution's requirements..
- Designing and developing a web-based system for efficient audit management.
- Overseeing the system's deployment, conducting rigorous testing, and providing comprehensive user training.
- Providing continuous support post-implementation, ensuring smooth operation and system reliability.
- Employing technologies to ensure high functionality and user satisfaction.

Technologies: ASP.net, VB.net, Javascript, MS SQL Server 2008, ASP.Net Web Services