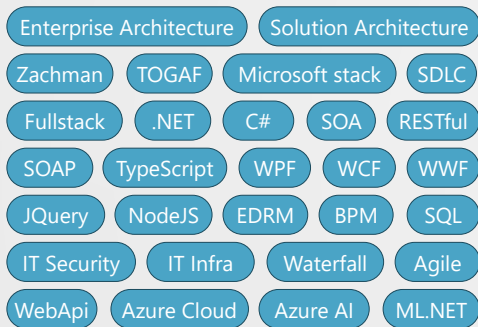# C MIGUEL FERREIRA

Enterprise IT Solution Architect

Doctoral studies in Web Science and Technology, MSc in Computer Sciences, Post-degree in e-Commerce and Internet, and BSc in Multimedia Engineering.

Enterprise Architecture · Solution Architecture · Zachman · TOGAF · Microsoft stack · SDLC · Fullstack · .NET · C# · SOA · RESTful · SOAP · TypeScript · WPF · WCF · WWF · JQuery · NodeJS · EDRM · BPM · SQL · IT Security · IT Infra · Waterfall · Agile · WebApi · Azure Cloud · Azure AI · ML.NET

Hands-on senior solution architect with 25+ years of experience in devising enterprise-class bespoke solutions using Microsoft and opensource technologies to successfully deliver business value by adopting industry-standard practices and frameworks to bring business and IT together.

Microsoft certified in solution development, databases, infrastructure and AI, certified IT project manager, Scrum certified among others.

Organised, self-motivated, and team player.

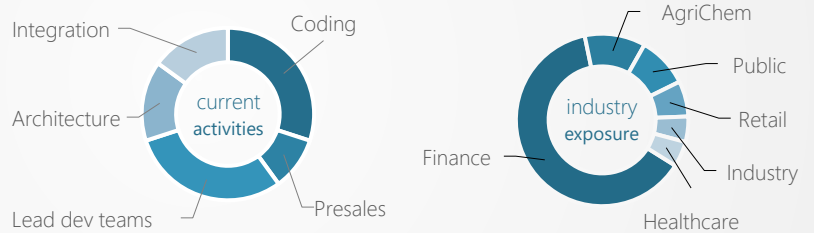📍 Basel, Switzerland | ☼ C-Permit | 🎂 '76

✉ Miguel@Ferreira-family.org

📞 +41 76 2133552

in ch.linkedin.com/in/corban

▶ ACADEMIC STUDIES

2023 — **uAb – UTAD**
Doctoral studies in Web Science & Technology
Accelatrix - A parallel functional programming framework for in-browser processing of enumerations of business entities
(PhD public trials expected in early 2026)

2007 — **uAb – University of Sheffield**
MSc in e-Commerce & Internet
Hacking with SQL Injection Exposed

2004 — **IPA**
Licenciatura (4-year degree) in Computer Sciences

2003 — **ISTEC**
BSc in Multimedia Engineering

1998 — **IST**
BSc in Mechanical Engineering
Incomplete – attendance of the 3rd year

▶ KNOW-HOW

current activities: Coding · Presales · Lead dev teams · Architecture · Integration

industry exposure: AgriChem · Public · Retail · Industry · Healthcare · Finance

▶ CERTIFICATIONS

Microsoft®
MCP, MCSD, MCSD.NET, MCDBA (database admin and development), MCSA (systems analyst), MCSA Security, MCTS SQL (technology specialist), MCTS .NET Web, MCITP DB (IT professional), MCTS SharePoint, Azure Fundamentals, Azure AI Fundamentals

CompTIA
i-Net+, Network+, IT-Project+, e-Biz+, Security+

CIW™
Associate, Professional, Master Designer, Security Analyst, Master Administrator

ITIL Service Management

C|EH Ethical Hacker

Scrum
Professional Agile Leadership
Evidence-based Management

TOGAF

▶ SOME PROJECTS

EquatePlus | Lead Architect | Finance

EquatePlus is the leading SaaS solution for equity compensation management, widely recognised as the industry standard among Fortune 500 companies for managing employee share plans, stock options, and equity awards. The platform, developed by Equatex, a spin-off from UBS, and later acquired by ComputerShare (their largest competitor), is trusted by global corporations for its robust compliance features and comprehensive handling of complex international equity compensation programs.

Lead architect responsible for the middle-to-frontend remaking while ensuring business continuity during the transformation.

A bespoke solution was crafted using a RESTful semantic service layer against an existing Java Spring backend, surfaced to a custom-built standalone frontend in TypeScript with Functional Programming.

Development of EquateMobile as a second tenant of the multi-channel service-orientated architecture.

Implementation of EquateAccess, a white-labelled companion app for second-factor operations using the FIDO protocol.
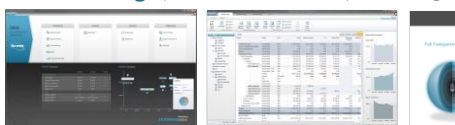

▶ discover more

Archroma | Change mgr. | IT separation

Headed the separation and setup of a 1.2B$ global divestiture, acting as SPOC between Archroma and Clariant, and Archroma's change manager.

Business continuity was maintained throughout the separation and global setup process.

WalletSizing | Frontend Arch. | Banking

Wallet management SaaS platform delivering high-end financial modelling analytics over a .NET 4 WPF rich client.

▶ discover more

▶ PROFESSIONAL EXPERIENCE

since 2012

Infosys Technologies
Senior Solution Architect

Work with key stakeholders to determine solution requirements, design, and impact in order to translate business requirements and programme vision into an actionable solution architecture.

Very strong problem abstraction and presentation skills to develop cunning approaches to complex design problems by investigating technologies and patterns and staying up-to-date with technical advancements.

Lead solution development ranging from functional to technical in fast-paced environments. This involves being intimately involved (hands-on) with all delivery activities (architecture, research, planning, software development lifecycle activities, prioritisation, code reviews, quality framework, etc.).

Deep expertise in harmonising diverse IT ecosystems. While specialising in Microsoft technologies, I excel at creating seamless integrations across platforms including SAP, Java Spring, Oracle, and opensource frameworks, focusing on adaptability and cross-system compatibility rather than single-vendor solutions.

Team management of teams comprised of developers, testers, business analysts, and architects operating in Waterfall and Agile (KanBan and Scrum), onsite and offshore, of up to 40 members.

Oversee and coach technical architects.

2010 ⋮ 2012

Vallstein
Senior Architect

Product development and management of WalletSizing®, the Bank Relationship Management SaaS solution from Vallstein which is at the core of the company's go-to-market offering.

2002 ⋮ 2010

Hewlett-Packard – Consulting & Integration
Senior Solution Architect

Led a solution area within the Consulting department to devise and deliver business process-centric solutions including workflow, document management, collaboration, and line-of-business applications.

Proficiency in designing and implementing enterprise business environments, e-Business architectures, and multifaceted solutions that encompass workflow, document management and collaboration.

Team leading experience up to 10 onsite members working ensemble with an offshore group.

2000 ⋮ 2002

Compaq - Global Services
Technical Consultant

Solution developer acting in the e-Business enterprise solutions field, mainly using Microsoft technologies. In-depth knowledge concerning the building-blocks of a project was paramount to successfully deliver enterprise-class solutions.

1998 ⋮ 2000

Reditus
Web Consultant

Responsible for the Web Design and Web Development division within the company's consulting department.

Syngenta i-Ag | Lead Arch. | agrichem

Cutting-edge precision farming platform that makes use of R&D crop models and comprehensive in-field equipment to monitor, predict and carry out prescriptions, empowered by a sophisticated IT solution that copes with massive amounts of geo-referenced data.

Built on Microsoft state-of-the-art technologies like SQL spatial, MVC, WCF, and .NET 4.5 using a global delivery model. The platform has been launched globally.

▸ discover more

SIBAL | Architect | banking frontoffice

SharePoint, BizTalk, K2, C# and JavaScript brought together by a custom-built framework to deliver a business process-centric financial frontoffice to carry out the complete business of a major retail bank with 800 branches nationwide.

▸ discover more

▸ LANGUAGES

	understand	speak	write
Portuguese	native	native	native
English	C2	C2	C2
French	C1	B1	A1
Spanish	C1	B2.	A1

▸ COMPETENCES

Solution Development

Requirements refinement		Presenting	
Workshops		Modeling	

Software Development Lifecycle Management

Waterfall		Agile	
Product management		Release mgmt.	

Team Management

Directing		Reviewing	
Mentoring		Empowerment	

Other Management

Stakeholder management		Project mgmt.	

▸ TECHNICAL SKILLS

Enterprise Architecture Frameworks

Zachman		TOGAF	

Solution Development Patterns

S.O.L.I.D.		DDD	
Service-Orientation (SoA)		SOAP	
Model-View-Controller (MVC)		RESTful	
Relational Databases		Microservices	
Functional Programming		BPM	

Development Languages & Frameworks

C#		.NET / .NET Core	
Entity framework		LINQ	
Transact-SQL		MVC + WebApi	
JavaScript & TypeScript		JQuery	
Angular / Vue		CSS & SCSS	
Windows Presentation Foundation (WPF)			
Windows Workflow Foundation (WWF)			
Windows Communication Foundation (WCF)			

Products

MS SQL Server		SharePoint	
Visual Studio		ML.NET	
Azure AI suite		Azure cloud	

Integration with

SAP		NodeJS	

RECORDATIONS

RECOMMENDATIONS in

Gareth Knight
DevOps Lead at Roche

Miguel is a dynamic Architect with exceptional analytic and communication skills. Not only does Miguel have great technical abilities, he has the most amazing presentation creation skills I have seen outside of a marketing brochure. This is a great asset when coming to presenting technical solutions to business stakeholders. He is a great guy and someone I learnt allot from both on the technical front but also personally.

Mario Wörner
Project Manager at D-ploy

Miguel and I worked together on a amazing project. With his help the company Archroma was able to migrate 3500 users to a complete new IT in about 6 months. From building the strategy on a white board to deployment of PCs in the middle of a production plant - Miguel was involved in all the activities. Great energy, spirit and person.

Titus Cunnen
CFO at Makro

Miguel is a truly professional with great know how and clear ideas on software development. For me it is has been a very positive experience working with Miguel and not least because Miguel is a friendly and hardworking team player.

Valter Raimundo
Group Manager at Avanade

Miguel is an excellent team player with huge knowledge on any subject or aspect he gets engaged in developing. He has a strong background in software development and design, and well structured soft skills, which compose the basis for an exceptional professional. He is always committed with the team and organization goals and well known as to have good team working and communication abilities!

Shaun Leisegang
CEO and Co-founder at AppsForOps

Miguel is one of those rare people that combine his passion for people and technology to create world class solutions that are aesthetically pleasing, user friendly and most importantly solve real world business problems.

Miguel has a very solid educational background that he combines with his real world experience and his in depth knowledge of multiple technology stacks to solve business problems with technology.
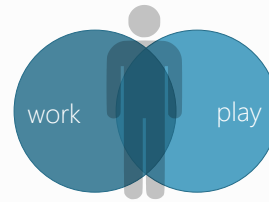
Miguel is an invaluable resource to any team and I recommend him highly.

WORK/PLAY BALANCE

People-orientated
team player

Challenging
few dull moments

Fast-paced
change gears fast and often

work   play

Socializing
travel and meet folks

Family
spend quality time

Artistic
piano, photography, design

EXPECTATIONS

New challenges and problems to solve

Control of own destiny

play hard--work hard

The chance to have fun

No close supervision

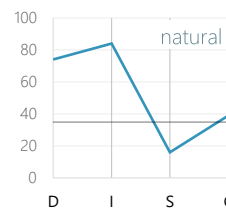Excitement

Opportunity for rapid advancement

To be seen as a leader

Unusual, new or difficult assignments

Independence

Prestige, position and titles

BEHAVIOURAL PROFILE

natural

Dominance
Inducement
Submission
Compliance

adapted
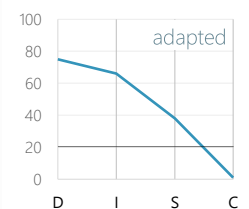
«Miguel believes in getting results through other people. He prefers the "team approach." He wants to be seen as his own person, but usually projects it in friendly terms. He is good at creating enthusiasm in others. He often will become friends with his customers. He has an extremely high trust level and is optimistic. He is highly excited by what influences him.»

REFERENCES

Valter Raimundo | Delivery Director | Avanade
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Jorge Negrão | Solution Architect | Infosys
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Basel, 2025

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diplomas | behavioural profile