

Michael Ullrich



Summary	<ul style="list-style-type: none"> • Digitization specialist with more than 25 years of IT experience • AWS cloud architect with focus on security and governance, Infrastructure as Code (IaC) enthusiast • Strong player in agile and DevOps environments
Contact	<p>Mobile: +41 78 7123473</p> <p>eMail: michael.ullrich@nuvibit.com</p> <p>Web: www.nuvibit.com</p>
Professional degree	Dipl.-Ing. Univ., MBA
Nationality	Swiss, German
Date of birth	19.09.1977
Languages	German (mother tongue), English (business fluent)
Positions	<p>Since 2021 Nuvibit AG, Oberrohrdorf: Co-Founder</p> <p>Since 2018 ACAI GmbH, Zurich: CEO</p> <p>2011 - 2019 AWK Group AG, Zurich: Senior Consultant</p> <p>2008 - 2011 Avanade (Joint Venture of Accenture & Microsoft), Munich/Zurich: Senior Consultant</p> <p>2007 - 2008 Siemens Healthineers AG, Erlangen: Software Engineer and Team Lead</p> <p>2003 - 2007 Freelance IT Consultant, Project Leader and Software Engineer</p>
Education	<p>2006 – 2007 Master of Business Administration, Julius-Maximilian University, Wurzburg</p> <p>1998 – 2003 Master's Degree in Electrical Engineering, Friedrich-Alexander University, Erlangen- Nuremberg</p>
Publications	<ul style="list-style-type: none"> • Swiss Post Ltd: Security and Compliance of AWS Accounts at Scale • Swiss Post Innovates on Secure Foundation with AWS (co-author) • ACAI Lab – IaC Provisioning • ACAI Lab – Secure AWS Landing Zone • AWS Landing Zone – Security & Governance Blueprint • Security Standards recommended for your AWS Landing Zone • Want to scale efficiently and securely in AWS?

Specialized Knowledge	<ul style="list-style-type: none"> • Cloud security • Cloud-native architectures • DevSecOps consulting • Project management - classic approach, (scaled-) agile • Enterprise architecture, solution architecture, security architecture 	
Technologies	<ul style="list-style-type: none"> • Cloud-Provider: Amazon AWS, Microsoft Azure • Container technology: Kubernetes, Docker • Integration: Microservice architectures, Swagger • Logging: ELK-Stack, Splunk, AWS CloudWatch • Delivery Tools: Jira, Team Foundation Server, Asana, Trello • Languages: Terraform, C#, Python, golang, (no-)SQL databases 	
Roles	<ul style="list-style-type: none"> • Cloud architect • Consultant • Enterprise architect • Head of development • Lead architect 	<ul style="list-style-type: none"> • Project manager (agile & classic) • Security architect • Senior developer • Team lead
Industry Sectors	Automotive, Energy, Finance, IT Operators, Logistics, Media, Pharmaceuticals, Public Sector, Telecom, Travel	
Project Experience (Selection)	<ul style="list-style-type: none"> • Product Manager & Architect Nuvibit SEMPER • Corporate Cloud Foundation (AWS Landing Zone with > 200 accounts): Architecture and establishment of Foundation Security based on CIS 7.1 and the CIS AWS Foundations Benchmark - Cloud Security Architect • Head IT PMO for merger preparation of two telecom companies - Manager • Algorithmic Trading Platform (ETFs, CFDs, Cryptos) – Lead architect, senior developer • Market scanner for options trading – Lead architect, senior developer • Security campus network – Project manager • Introduction of an agile development process (SAFe) – Consultant & architect • Conception and implementation of Identity & Access Management system (IAM) – Project manager • Security foundation for enterprise VBlock cluster – Project manager • Nationwide traffic management solution – SOA- & security architect • Interims enterprise architect • Data warehouse introduction – ETL developer • Development of an enterprise architecture – Enterprise architect • Consolidation of the aftersales application landscape – Application manager • Corporate Treasury Management Solution – Team lead 	

	<ul style="list-style-type: none"> • Optimization of the development process and quality assurance – Consultant • IT solution for a global IT service – Head of development
Further Education (Selection)	<ul style="list-style-type: none"> • AWS Certified Solutions Architect – Professional (2019) • AWS Certified DevOps Engineer – Professional (2021) • AWS Certified Security - Specialty (2018) • AWS Certified Solutions Architect – Associate (2018) • AWS Certified Developer – Associate (2021) • AWS Certified SysOps Administrator – Associate (2021) • AWS Security Jam Bootcamp (2020) • Serverless Day Zurich (2019) • Kubernetes Deep Dive (2019) • Docker Fundamentals (2019) • Professional Scrum Master I (2017) • SAgile 4.0 Agilist (2017) • IPMA level C (2014) • PMI PMP (2010) • ITIL V3 Expert (2012) • ISACA CISM (2015) • ISC2 CISSP (2013 - expired) • TOGAF 9 Certified (2010)



Project Dossier

Content

- Corporate AWS Platform - Architecture and implementation of security-controls
- Corporate AWS Foundation - Architecture and implementation of security-controls – Cloud Security Architect
- Head IT PMO for merger preparation of two telecom companies - Manager
- Algorithmic Trading Platform (ETFs, CFDs, Cryptos) – Lead architect, senior developer
- Market scanner for options trading – Lead architect, senior developer
- Development of a Cloud-lab – Cloud architect
- Security campus network – Project manager
- Introduction of an agile development process (SAFe) – Consultant & architect
- Conception and implementation of Identity & Access Management system (IAM) – Project manager
- Security foundation for enterprise VBlock cluster – Project manager
- Nationwide traffic management solution – SOA- & security architect
- Interims enterprise architect
- Data warehouse introduction – ETL developer
- Development of an enterprise architecture – Enterprise architect
- Consolidation of the aftersales application landscape – Application manager
- Corporate Treasury Management Solution – Team lead
- Optimization of the development process and quality assurance – Consultant
- IT solution for a global IT service – Head of development

Roles

- | | | |
|------------------------|-------------------------------------|----------------------|
| • Cloud architect | • Head of development | • Security architect |
| • Consultant | • Lead architect | • Senior developer |
| • Enterprise architect | • Project manager (agile & classic) | • Team lead |

Industry Sectors

- | | | |
|----------------|-------------------|-----------|
| • Automotive | • Logistics | • Telecom |
| • Energy | • Media | • Travel |
| • Finance | • Pharmaceuticals | |
| • IT Operators | • Public Sector | |

Project Dossier

Details

Project:	Corporate AWS Platform - Architecture and implementation of security-controls
Description:	A multi-account concept based on the AWS Landing Zone Pattern was introduced for the company-wide administration of AWS cloud resources. The task consisted of introducing the security controls based on CIS 7.1 and fulfilling the CIS AWS Foundations benchmarks for all AWS accounts (>200).
Role:	AWS security architect
Year / Duration:	05/2021 – today
Industry Sector:	Energy
Tasks & Responsibilities:	<p>Introduce technical and organizational capabilities for the following security domains:</p> <ul style="list-style-type: none">• terraform CI/CD Pipeline• Image Factory• Guardrails (SCPs)• Nuvibit SEMPER integration
Technologies:	CIS AWS Security Baseline, AWS Landing Zone, AWS Security Hub, AWS Config, AWS CloudTrail, AWS CloudWatch, Terraform, Azure DevOps

Project:	Corporate AWS Foundation - Architecture and implementation of security-controls
Description:	A multi-account concept based on the AWS Landing Zone Pattern was introduced for the company-wide administration of AWS cloud resources. The task consisted of introducing the security controls based on CIS 7.1 and fulfilling the CIS AWS Foundations benchmarks for all AWS accounts (>200).
Role:	Cloud security architect
Year / Duration:	10/2019 – today
Industry Sector:	Logistics
Tasks & Responsibilities:	<p>Introduce technical and organizational capabilities for the following security domains:</p> <ul style="list-style-type: none">• Vulnerability Scanning• Hardened AMI building• Logging & Monitoring (leveraging the CIS AWS Foundation Benchmark)• IAM• Backup & Restore• Encryption & Key-Management
Technologies:	CIS AWS Security Baseline, AWS Landing Zone, AWS Backup, AWS Security Hub, AWS Config, AWS CloudTrail, AWS CloudWatch, Terraform

Project Dossier

Project:	Head IT PMO for merger preparation of two telecom companies
Description:	Aligning the parties to prepare the day 1 readiness following the legal and governance constraints.
Role:	Manager
Year / Duration:	05/2019 – 10/2019
Industry Sector:	Telecom
Tasks & Responsibilities:	<ul style="list-style-type: none">• Defining processes and procedures• Managing the backlog of tasks• Organizing information exchange between the parties• Ramp upup the projects• Communication to stakeholders

Project:	Algorithmic Trading Platform (ETFs, CFDs, Cryptos)
Description:	Development of a platform for automatic execution of trading strategies.
Role:	Lead architect and senior developer
Year / Duration:	04/2015 – today / 48 months
Industry Sector:	Finance
Tasks & Responsibilities:	<ul style="list-style-type: none">• Requirements engineering• Solution architecture (historical performance, optimization and live execution)• Supervision over all phases of software development• Design and development of trading strategies
Technologies:	SQL, Microsoft .net, C#, Multithreading, AWS deployment, ELK Stack, LMAX API, Interactive Brokers API

Project Dossier

Project:	Market scanner for options trading
Description:	Development of a platform for the analysis and presentation of market data.
Role:	Lead architect and senior developer
Year / Duration:	04/2018 – today / 12 months
Industry Sector:	Finance
Tasks & Responsibilities:	<ul style="list-style-type: none">• Requirements engineering• Solution architecture• Implementation based on C#
Technologies:	Microsoft .net, C#, SPA MVC, Microservices, Google Sheets API, AWS deployment, Interactive Brokers API

Project:	Development of a Cloud-lab
Description:	Implementation of the use cases: Auto Scaling, API Gateway, IoT and Docker / Kubernetes. Presentation to customers for typical cloud use-cases.
Role:	Cloud architect
Year / Duration:	12/2018 – 03/2019 / 4 months
Tasks & Responsibilities:	<ul style="list-style-type: none">• Requirements engineering• Implementation at Cloud-providers
Technologies:	AWS, Azure, Docker, Kubernetes

Project:	Security campus network
Description:	Introduction of network zoning based on Cisco ISE.
Role:	Project manager
Year / Duration:	10/2017 – 12/2018 / 14 months
Industry Sector:	Media
Tasks & Responsibilities:	<ul style="list-style-type: none">• Backlog Management• Security architecture• Collaboration with security officer and network operator• Analysis of requirements and business processes• Tool development for integration with CMDB solution
Technologies:	golang, Jira & Confluence, Cisco

Project Dossier

Project:	Introduction of an agile development process (SAFe)
Description:	New development of an event management system for international events. The system was delivered by five vendors and six scrum teams.
Role:	Consultant & architect
Year / Duration:	03/2016 – 08/2017 / 17 months
Industry Sector:	Football association
Tasks & Responsibilities:	<ul style="list-style-type: none">• Definition of a scaled-agile delivery model (6 Scrum teams)• Backlog management• Analysis of requirements and business processes• Coordination of the architects of the four suppliers
Technologies:	SPA Web-Application, Microsoft .net, C#, SQL, ELK-Stack, Microservices

Project:	Conception and implementation of Identity & Access Management system (IAM)
Description:	Illustration of the HR process in a new IAM system. Over several iterations existing systems such as SAP, AD and other LOB applications were connected. Another project result was the clean-up of legacy role models and migration to the enterprise role model.
Role:	Project manager
Year / Duration:	02/2014 – 02/2016 / 24 months
Industry Sector:	Telecom
Tasks & Responsibilities:	<ul style="list-style-type: none">• Overall project management• Stakeholder management (C-level)• Communication with the auditors• Requirements engineering• Solution architecture• Collaboration with enterprise architect and software architect• Supplier management• Test management• Quality management
Technologies:	NetIQ IAM, SAP, Active Directory

Project Dossier

Project:	Security foundation for enterprise VBlock cluster
Description:	As part of a private cloud initiative, a service organization was created to provide compliant services based on VBlock technology. The project was responsible for the technological and organizational security of the overall private cloud service.
Role:	Project manager
Year / Duration:	02/2013 – 01/2014 / 12 months
Industry Sector:	Pharmaceuticals SMI
Tasks & Responsibilities:	<ul style="list-style-type: none">• Overall project management of four sub-projects• Stakeholder management• Requirements engineering• Quality management• Supplier management
Technologies:	VBlock

Project:	Nationwide traffic management solution
Description:	Architect for a SOA IAM solution
Role:	Security architect
Year / Duration:	01/2012 – 01/2013 / 13 months
Industry Sector:	Government
Tasks & Responsibilities:	<ul style="list-style-type: none">• Authorization Concept• Security in a SOA landscape• Supplier management• Alignment with enterprise architect
Technologies:	SOA

Project:	Interims enterprise architect
Description:	Due to audit findings, the company's architecture should be strengthened.
Role:	Enterprise architect
Year / Duration:	09/2011 – 12/2011 / 3 months

Project Dossier

Industry Sector:	Government
Tasks & Responsibilities:	<ul style="list-style-type: none"> • Creation of an EA model • Survey of the main business processes • Survey of the application inventory

Project:	Data warehouse introduction
Description:	Introduction of a metadata-driven data warehouse based on Microsoft SQL Sever
Role:	ETL developer
Year / Duration:	03/2011 – 08/2011 / 7 months
Industry Sector:	Finance SMI
Tasks & Responsibilities:	<ul style="list-style-type: none"> • Design and implementation of ETL processes • Coordination with business stakeholders
Technologies:	Microsoft SQL Server 2008

Project:	Development of an enterprise architecture
Description:	To renew the core booking system, a comprehensive analysis of the actual enterprise architecture was carried out to define the new target architecture. Business and application layers were considered.
Role:	Enterprise architect
Year / Duration:	04/2010 – 12/2010 / 9 months
Industry Sector:	Travel
Tasks & Responsibilities:	<ul style="list-style-type: none"> • Definition of the EA metamodel • Survey of the actual architecture • Definition and documentation of the target architecture

Project:	Consolidation of the aftersales application landscape
Description:	<p>The automaker's aftersales application landscape included 50 applications and handled the entire life cycle of a car leaving the conveyor belt.</p> <p>The aim of the major initiative was the harmonization and consolidation of these 50 applications, which were initially supported by 40 suppliers and the transition to one supplier.</p>
Role:	Application manager

Project Dossier

Year / Duration:	09/2009 – 03/2010 / 7 months
Industry Sector:	Automotive – DAX 30
Tasks & Responsibilities:	<ul style="list-style-type: none"> • Responsible for six applications • Knowledge transfer • Requirements management • Stakeholder management • Management of the .net development team: 12 employees (6 onshore and 6 offshore developers)
Technologies:	Microsoft .net, C#, SQL

Project:	Corporate Treasury Management Solution
Description:	In order to hedge currency risks for future capital flows, an individual solution was developed with the possibility of direct order placement on the market.
Role:	Team lead frontend development
Year / Duration:	01/2009 – 08/2009 / 8 months
Industry Sector:	Industry DAX 30
Tasks & Responsibilities:	<ul style="list-style-type: none"> • Frontend design for a global currency risk hedging solution • Concepts for the entire solution (UML) • Design and development of the AJAX-based frontend • Definition of different security concepts • Instructions and documentation for the frontend implementations • Management of the .net development team: 2 employees
Technologies:	Microsoft .net, C#, ASP .net, AJAX, MVP, SQL

Project:	Optimization of the development process and quality assurance
Role:	Consultant for quality improvement
Year / Duration:	03/2008 – 12/2008 / 10 months
Industry Sector:	Industry
Tasks & Responsibilities:	<ul style="list-style-type: none"> • Introduction of an industrial development process • Establishment of an estimation process • Review of solution concepts • Check the source code

Project Dossier

	<ul style="list-style-type: none">• Support to the customer development team
Technologies:	Microsoft .net, C#, SQL
Project:	IT solution for a global IT service
Description:	<p>As part of this six-year activity, the IT tools for a B2B service (approximately 40 employees) were developed. The service includes the installation of remote access for maintenance of industrial medical equipment worldwide.</p> <p>The client-server application allowed the automatic configuration of various Cisco devices.</p> <p>The application is still in use (as of 09/2018) and the service portfolio has grown steadily.</p>
Role:	Head of development
Year / Duration:	03/2002 – 02/2008 / 6 years
Industry Sector:	Industry – DAX 30
Tasks & Responsibilities:	<ul style="list-style-type: none">• Project management• Team lead• Requirements engineering• Stakeholder Management• Solution architecture• Development• Test management
Technologies:	Microsoft .net, C#, SQL, Cisco IOS

**Friedrich-Alexander-Universität Erlangen-Nürnberg
Technische Fakultät**

Diplom

Herr Michael Rudolf Ullrich

geboren am 19. September 1977 in Weiden

hat am 15. Oktober 2003 die Diplomprüfung im Studiengang

Elektrotechnik

der Friedrich-Alexander-Universität Erlangen-Nürnberg bestanden.

Auf Grund dieser Prüfung wird hiermit der akademische Grad

Diplom-Ingenieur Univ.


(abgekürzte Schreibweise: Dipl.-Ing. Univ.)

verliehen.

Erlangen, 12. Januar 2004



Der Dekan


Prof. Dr. A. Winnacker

Diplomas

JULIUS-MAXIMILIANS-UNIVERSITÄT WÜRZBURG

Michael Ullrich

geboren am 19.09.1977

hat am 20.10.2007 die Prüfung für den MBA-Studiengang Business Integration
der Julius-Maximilians-Universität Würzburg
gemäß der Prüfungsordnung der Wirtschaftswissenschaftlichen Fakultät vom 28. Oktober 1998,
zuletzt geändert am 26. September 2006, bestanden.

Auf Grund dieser Prüfung wird der akademische Grad

Master of Business Administration (MBA)

verliehen.



Prof. Dr. Martin Kukuk
Der Dekan der Wirtschaftswissenschaftlichen
Fakultät der Universität Würzburg



Prof. Dr. Rainer Thome
Der Vorsitzende des Prüfungsausschusses
für den MBA-Studiengang Business Integration
an der Universität Würzburg

Further Education

Content

- 11/2019 Certification - [AWS Certified Solutions Architect – Professional](#) (Cloud)
- 02/2021 Certification - [AWS Certified DevOps Engineer – Professional](#) (Cloud)
- 08/2018 Certification - [AWS Certified Security - Specialty](#) (Cloud)
- 07/2018 Certification - [AWS Certified Solutions Architect – Associate](#) (Cloud)
- 02/2021 Certification - [AWS Certified Developer – Associate](#) (Cloud)
- 04/2021 Certification - [AWS Certified SysOps Administrator – Associate](#) (Cloud)
- 06/2019 Training - Advanced Architecting on AWS (Cloud)
- 04/2019 Conference - Serverless Day Zürich (Cloud)
- 03/2019 Conference - DevOps Fusion (Cloud)
- 02/2019 Training - Kubernetes Deep Dive (Cloud)
- 02/2019 Training - Docker Fundamentals (Cloud)
- 08/2017 Certification - [Professional Scrum Master I](#) (Agile Methods)
- 04/2017 Certification - [Scaled Agile SAFe Agilist - SA](#) (Agile Methods)
- 11/2014 Certification - [IPMA Level C](#) (Project Management)
- 12/2010 Certification - [PMI PMP](#) (Project Management)
- 10/2010 Certification - [TOGAF 9](#) (Enterprise Architecture)
- 08/2015 Certification - [ISACA Certified Information Security Manager - CISM](#) (Security)
- 08/2015 Certification - [\(ISC\)2 Certified Information Systems Security Professional – CISSP](#) (Security)
- 11/2012 Certification - [ITIL-Expert v3](#) (Service Management)
- 09/2012 Certification - [Certified SOA Architect](#) (Development)

(ordered by topic)



Michael Ullrich

has successfully completed the AWS Certification requirements and has achieved their:

AWS Certified Solutions Architect - Professional

Issue Date

Nov 08, 2019

Expiration Date

Nov 08, 2022



Maureen Loneragan
Director, Training and Certification

Validation Number YLT9N5B1ENBQ1X57

Validate at: <http://aws.amazon.com/verification>



Michael Ullrich

has successfully completed the AWS Certification
requirements and has achieved their:

AWS Certified DevOps Engineer - Professional

Issue Date

Feb 12, 2021

Expiration Date

Feb 12, 2024



Maureen Lonergan
Director, Training and Certification

Validation Number E0T02CDLDM44QKC8

Validate at: <http://aws.amazon.com/verification>



Michael Ullrich

has successfully completed the AWS Certification
requirements and has achieved their:

AWS Certified Security - Specialty

Issue Date
August 17, 2018

Expiration Date
August 17, 2020

A handwritten signature in black ink, reading "Maureen Lonergan".

Maureen Lonergan
Director, Training and Certification

Validation Number QFSEQ3M2KJQ414GV
Validate at: <http://aws.amazon.com/verification>



Michael Ullrich

has successfully completed the AWS Certification
requirements and has achieved their:

AWS Certified Solutions Architect - Associate

Issue Date
July 27, 2018

Expiration Date
July 27, 2020



Maureen Lonergan
Director, Training and Certification

Validation Number TCF2P5D2J2V11ESF
Validate at: <http://aws.amazon.com/verification>



Michael Ullrich

has successfully completed the AWS Certification requirements and has achieved their:

AWS Certified Developer - Associate

Issue Date
Feb 15, 2021

Expiration Date
Feb 15, 2024



Maureen Lonergan
Director, Training and Certification

Validation Number 7ZJT8ZRLB2BQ1KKX
Validate at: <http://aws.amazon.com/verification>



Michael Ullrich

has successfully completed the AWS Certification requirements and has achieved their:

AWS Certified SysOps Administrator - Associate

Issue Date
Apr 22, 2021

Expiration Date
Apr 22, 2024



Maureen Lonergan
Director, Training and Certification

Validation Number VYN10T6D2MBQQ39Q
Validate at: <http://aws.amazon.com/verification>

Further Education

This is to certify that on Thu 3 Aug 2017

Michael Ullrich

Demonstrated a fundamental level of Scrum mastery, proving an understanding of Scrum as described in the Scrum Guide and the concepts of applying Scrum.

In recognition of this, Scrum.org is pleased to provide this certification.



Professional Scrum Master I



Ken Schwaber

SCALED AGILE FRAMEWORK® (SAFe®)



SCALED AGILE®

This certificate verifies

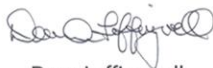
Michael Ullrich

has successfully met the requirements of a

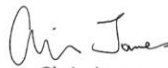
SAFe 4 Certified Agilist

VALID THROUGH APRIL 14, 2019

CERTIFICATE ID: 50719295-4782



Dean Leffingwell
Chief Methodologist, SAFe®
Co-founder Scaled Agile, Inc.



Chris James
President & Chief Operating Officer
Scaled Agile, Inc.

 PROVIDED BY **SCALED AGILE®**
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CERTIFICATE

Dieses Zertifikat bescheinigt, dass

MICHAEL ULLRICH

geboren am 19. September 1977

über die erforderliche Kompetenz verfügt, um folgenden Titel zu tragen

CERTIFIED PROJECT MANAGER IPMA LEVEL C®

Die Zertifizierung erfolgte durch den VZPM
Verein zur Zertifizierung von Personen im Management,
Zertifizierungsstelle der spm, swiss project management association

basierend auf
den Regulatorien des VZPM und der Swiss National Competence Baseline Version 4.0,
welche durch die International Project Management Association (IPMA®) validiert wurde.

Der Zertifizierungsprozess wurde in deutscher Sprache durchgeführt.

C-2014-1950

Zertifikats-Nummer

11. November 2019

Gültig bis

Glattbrugg, 12. November 2014

Erst-Zertifizierung

Letzte Zertifizierung

Für die Zertifizierungsstelle

Für die Assessoren



036 SCESe

DER VZPM IST NACH DER NORM ISO/IEC 17024 AKKREDITIERT.

Further Education

Project Management Institute

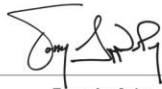
THIS IS TO CERTIFY THAT

Michael Ullrich

HAS BEEN FORMALLY EVALUATED FOR DEMONSTRATED EXPERIENCE, KNOWLEDGE AND PERFORMANCE
IN ACHIEVING AN ORGANIZATIONAL OBJECTIVE THROUGH DEFINING AND OVERSEEING PROJECTS AND
RESOURCES AND IS HEREBY BESTOWED THE GLOBAL CREDENTIAL

Project Management Professional (PMP)®

IN TESTIMONY WHEREOF, WE HAVE SUBSCRIBED OUR SIGNATURES UNDER THE SEAL OF THE INSTITUTE



Tony Appleby
Chair, Board of Directors



Sunil Prashara
President and Chief Executive Officer



PMP® Number: 1377404
PMP® Original Grant Date: 16 December 2010
PMP® Expiration Date: 15 December 2022





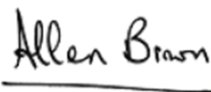
This is to certify that

Michael Ullrich

has successfully met the requirements of the TOGAF 9 Certification
for People program at the TOGAF 9 Certified level.

Date registered: *11 October 2010*

Registration Number: 31437

A handwritten signature in black ink that reads 'Allen Brown'.

Allen Brown, President and CEO, The Open Group

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Further Education



Further Education



expired



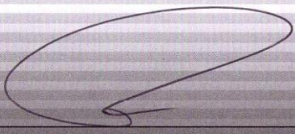
CERTIFICATE OF EXCELLENCE

Michael Ullrich

has successfully completed the requirements to be recognized as a certified

SOA Architect

***** Passed with Honors *****



SIGNED BY THOMAS ERL

