

PROFILE SYNOPSIS

- **Strong experience of 18+ years** in designing the structure of technology systems, building application architectures, developing & running project solutions and coordinating with the other software development teams to ensure the system runs smoothly.
- **Accomplished Cloud Architect with experience** in designing and implementing cloud solutions on Microsoft Azure.
- Proven track record of delivering secure, scalable, and cost-effective cloud architectures that align with organizational objectives. Proficient in developing cloud strategies tailored to business needs, encompassing cost analysis, risk assessment, and ROI evaluation.
- Hands on expertise in a wide **range of Azure services and technologies**, enabling me to provide strategic guidance and technical leadership.
- Practical expertise in utilizing Azure services, with a particular focus on application development encompassing **Azure App Service, Azure Cognitive Microservices, Azure Functions, Azure Logic Apps, Azure Kubernetes Service (AKS), Azure Virtual Machines (VMs), Azure Blob Storage, Azure File Storage, Azure Queue Storage, Azure Table Storage, Azure Databricks, Azure SQL Data Warehouse and Azure Data Lake Storage.**
- Expertise in designing resilient and high-performance Azure solutions, selecting the right mix of services and resources. Hands on experience with **Azure DevOps Services, Azure Load Balancer, Azure Virtual Network, Azure Application Gateway, Azure Content Delivery Network (CDN), Azure AppInsights, Azure SQL Database, Azure Cosmos DB, Azure Database for PostgreSQL and Azure Cache for Redis.**
- Skilled in automating infrastructure provisioning and management using **Azure Resource Manager (ARM) templates and Terraform.**
- Proven experience in planning and executing seamless **migrations of on-premises workloads to Azure** while ensuring minimal downtime. Have expertise with **Azure Data Box, Azure Sync, Azure Cost analysis tools, Azure Cloud Adopt techniques** which streamlines the migration process.
- Strong focus on implementing robust security measures and ensuring compliance with industry standards and regulations using effectively **Azure Active Directory, and Azure Multi-Factor Authentication (MFA), Azure Key Vault and Azure Monitor.**
- Expert in enterprise application system integration and 3rd party API integrations.
- Strong skills & experience in **OOPs, implementing SOLID principles and design patterns, 12 factor app principles, OWASP security compliance, developing Microservice, SOA and Serverless architectures.**
- Proficient in **C#.NET, .NET Core, MVC, MVVM, Windows Services, Console Applications, Entity Framework. Skilled in web development using Asp.Net MVC, Asp.Net Core, Angular, React, Bootstrap, HTML5, CSS3, JavaScript, JQuery, and AJAX, and responsive design.**
- Extensive knowledge of database systems including **MSSQL & MySQL, including PL/SQL, Triggers, Functions, Jobs, and Stored Procedure.**
- Experienced in API development and web services **REST & SOAP API, Web API, WCF, API Security compliance, XML, JSON and Binary serializations.**
- ALM Practice with Agile, Scrum & Kanban approach, worked extensively with Visual Studio Team **Services (VSTS), DevOps and GitHub**
- Worked with Domains includes mainly **Automotive (SME level expertise), Sales ERPs, Logistics, Fleet Management, Digital Marketing and Customer Services.**
- Proficient in employing **Agile** methodologies such as **Scrum, Kanban** as well as expertise in Software Development Life Cycle (**SDLC**) methodologies.
- Effective collaboration with cross-functional teams, clear communication with stakeholders, and project alignment.

- Having onsite work experience at the UK client office, Netherland, Germany and Finland offices within multi-cultural & geographically multi-located teams.

TECHNICAL SKILLS SUMMARY

Development Expertise	Cloud Expertise
.Net Core, C#.Net, MVC, MVVM, Entity Framework, Console Applications, UWP, Microservices Web APIs, RESTful, WCF & SOAP based Web Services	Azure App Service, Azure Functions, Azure Cognitive Microservices, Azure Logic Apps, Azure Kubernetes Service (AKS), Azure Virtual Machines (VMs), Azure Blob Storage, Azure File Storage, Azure Queue Storage, Azure Table Storage, Azure Databricks, Azure SQL Data Warehouse and Azure Data Lake Storage.
JavaScript, jQuery, AngularJS 2.0+, ReactJs/Redux, Typescript, HTML/CSS, Knockout JS, KendoUI	
MS SQL/PL-SQL, MySQL, NoSQL, Redis Cache, Telerik Reporting.	Azure DevOps Services, Azure Load Balancer, Azure Virtual Network, Azure AppInsights, Azure Application Gateway and Azure Content Delivery Network (CDN), Azure SQL Database, Azure Cosmos DB, Azure Database for PostgreSQL and Azure Cache for Redis.
Payment Gateways – Stripe & PayPal, TDD/BDD with NUnit, MSMQ, RabbitMQ, MSMQ and SignalR	
Umbraco CMS, Orchard CMS and NopCommerce Platform	Azure Active Directory, and Azure Multi-Factor Authentication (MFA), Azure Key Vault and Azure Monitor.

EMPLOYMENT HISTORY

Position:	Technical Architect (2+ Years)
Work Summary:	Leading teams and taking part in various engagements as a technical architect, requirement analysis, UML designs, flowcharts, prototyping, technology feasibility analysis, designing solution architecture, defining technical architecture, creating technical approaches, end to end project development, monitoring and reporting to stakeholders.
Position:	Technical Architect (1+ Years)
Work Summary:	Working as Technical Architect, main duties are discovery phase with the end client, defining high-level requirements, designing solution architecture, defining technical specifications, end to end project development and technology feasibility analysis.
Position:	Technical Architect (3+ Years)
Work Summary:	Working as a Senior Full Stack Application Developer within the UK office along UK team members, part of a big team which succeeded towards Developing Automotive leasing/Selling platform.
Position:	Technical Architect (12+ Years)
Work Summary:	Worked for 12+ years, Excellent journey from Software Developer to Solution Architect.

	My Core expertise evolved here that could be seen throughout my project details, reaching a renowned techie stage across the organization.
Position:	Software Developer (1+ Years)
Work Summary:	First Job in IT Career, this was a USA owner's small farm where I have worked as PHP developer along with other 3 members. I got a chance to work with Linux, Apache and MySQL stack for web development.

KEY PROJECTS

Project	Digital Banking Solution - UAE Based Financial Institution
Role	Technical Architect
Duration	6+ Months – On going
Tools & Technologies	.NET Core, Flutter, MS SQL, Web API, GitHub, Azure Active Directory, Azure Multi-Factor Authentication (MFA), Azure Key Vault, Azure App Service, Azure Blob Storage, Azure Content Delivery Network (CDN) and Azure DevOps Services
Responsibilities	<ul style="list-style-type: none"> ✓ Leading mobile and web digital banking platform development project for client's retail, SME and corporate customers. ✓ Designing the architecture of the core banking application, I am involved in creating a detailed architecture for the core banking application. This involves selecting appropriate software technologies and designing the system to meet functional and non-functional requirements. ✓ Managing the development process: supervise the development process, ensuring that it adheres to best practices, coding standards, and design patterns. I also ensure that the development process is aligned with project timelines and deliverables. ✓ Determine the suitability of Azure services like Azure App Service, Azure Blob Storage, MFA, Key Vault, and Azure DevOps Services for specific project needs. ✓ Ensuring scalability and performance: Leading the team for ensuring that the core banking application is scalable and can handle large volumes of data and transactions, also ensure that the system is optimized for performance and is responsive to user requests. ✓ Integration with existing DAMs – Digital Asset Management Systems for the existing assets (documents, images etc.). ✓ Set up CI/CD pipelines in Azure DevOps Services or GitHub Actions for automated build, testing, and deployment of the application.
Scope Summary	Digital Banking Solution is a comprehensive banking solution that provides a range of services such as account management, transaction processing, loan management, and reporting. The system is designed to be web-based and accessible from any device with an internet connection. It consists of several modules, including customer management, account management, transaction processing, loan management, and reporting. The system offers benefits to both the bank and its customers, including improved operational efficiency, cost reduction, and personalized banking experiences. The system is designed with security and user-friendliness in mind, ensuring the protection of customer data and preventing fraud.

Project	Web Platform – Gov UK
Role	Technical Architect
Duration	8+ Months
Tools & Technologies	.Net Core, C#.Net, ReactJS, HTML5/CSS3, MS SQL, Microservices, Azure App Service, Azure Blob Storage, Terraform, Azure Resource Manager (ARM), Azure DevOps Services, Azure AppInsights , GitHub, Jira
Responsibilities	<ul style="list-style-type: none"> ✓ Leading web portal development team ✓ Creating Product backlog items based on discussions with end client's product owner. ✓ Defining solution architecture for various modules and database components. ✓ Write, plan, apply and manage Terraform configurations to Azure cloud resources using ARM. ✓ End to End deployment process setup and monitoring using Azure DevOps, implemented CICD pipelines for Dev, QA, Staging and Prod environments. ✓ Setup and configure error, exception and troubleshooting message logging in Azure AppInsights. ✓ Reporting to top level management with work progress and impediments.
Scope Summary	Web portal with backend micro-services to perform various license providing activities to Business owners. <i>(Cannot provide more details due to NDC agreement)</i>

Project	Mobility Automotive Platform – UK Client
Role	Technical Architect
Duration	6+ Months
Tools & Technologies	Angular 4.0, Typescript, Web API 2.0, MS SQL Server 2012, Gherkins Syntax (TDD), Azure Functions, Azure SQL Database, Azure Active Directory, Azure Key Vault and Azure AppInsights
Responsibilities	<ul style="list-style-type: none"> ✓ Technical Architecture design for Applications and its components. ✓ Requirement gathering, analysis and defining backlog items, taking part in sprint planning and defining delivery scope for release. ✓ Development of Authorization module, critical data migration modules ✓ Configure database scaling options, such as Azure SQL Database elastic pools. ✓ Implement caching strategies using Azure Cache for Redis to improve application performance. ✓ Guiding offshore development team for technical solutions ✓ Integrate Azure Active Directory for authentication and authorization. ✓ Configure Azure MFA to enhance security. ✓ Use Azure Key Vault to securely store and manage secrets, keys, and certificates. ✓ Monitor access and usage of sensitive data. ✓ Building client relationship and client POC
Scope Summary	Automotive Maas Platform is an umbrella product in Automotive domain for end-to-end service delivery which also supports multi-tenancy, web service support and feature based subscription model. To facilitate Automotive domain starting with Vehicle hiring & leasing business we are developing a group of applications in first

	<p>phase, following are the applications/portals in current development pipeline:</p> <ul style="list-style-type: none"> • Vehicle Acquisition Portal • L2OG (Lead to Order Generation) Portal for Used and New Cars • Order & Delivery Portal • Dealer/Manufacturer Portal • My Driver Mobile App • Fleet Manager Mobile App • Check In Check Out (CICO) Mobile App, etc.
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Project	Automotive Platform – UK Client
Role	Sr. Full Stack Developer
Duration	18+ Months
Tools & Technologies	.Net Core, MVC, C#.Net, Microservices, Angular 7, NodeJS, Typescript, GitHub,
Responsibilities	<ul style="list-style-type: none"> ✓ Development of Microservices using .Net Core, MVC and Web APIs ✓ Development of Test cases using NUnit & VS Test Explorer ✓ Developing Front end components using Angular 7, Node JS and Typescripts ✓ Code reviewer, code security validator and leading Team-Pod members ✓ Define a data storage strategy, determining which Azure storage services (Queue Storage, Table Storage, Data Lake Storage) are suitable for specific data types and use cases. ✓ Configure continuous integration and continuous deployment (CI/CD) pipelines in Azure DevOps Services. ✓ Automate the building, testing, and deployment of the project. ✓ Use Azure DevOps to manage and track work items, user stories, and project tasks. ✓ Define and manage sprints and release cycles. ✓ Implement security measures, including access controls, encryption, and auditing, to protect data stored in Azure storage services. ✓ Ensure compliance with data privacy regulations.
Scope Summary	<p>Developing Car leasing and selling platform for big brands and for several countries in Europe. Having similarities between web journeys of different country-based platforms so developed generic microservice based architecture. A front end is developed using Angular components with service enabled on/off features.</p> <p>Mainly, car leasing website journeys are deviated in payment services, agreements, and document signing areas for different countries. So Microservices has architectural provision or accommodation to deal with such journey differences. Architecture is developed to provide responses based on the country-business-version information received in request headers of the web request.</p> <p>One more important factor to be considered is Language, multi-country requires different languages to be integrated hence have implemented a multi-linguistic content management system in SQL Azure.</p>

Project	Web Portal – UK Client
Role	Full Stack Developer/ DevOps

Duration	6+ Months
Tools & Technologies	PHP/Laravel, NodeJS, Google Analytics, Stripe Payment Gateway, MySQL, MS Azure Services, Azure Cognitive Microservices, AWS, Azure DevOps, GitHub, Linux
Responsibilities	<ul style="list-style-type: none"> ✓ Migration of AWS hosted services (Web site, SQL database and digital assets) to MS Azure platform. ✓ Carry out feasibility analysis and cost-effective solution to migrate AWS SQL which is costing almost 50% of the total hosting cost. ✓ Find robust, reliable solutions in Azure which can substitute in place of AWS resources. Define roadmap to migrate each component without losing data. ✓ Database in AWS RDS S3 transferred to Linux (Azure Virtual Machine) based Mysql database. Managed database backup and monitoring services by writing manual batch scripts. ✓ DevOps with MS Azure and AWS(Database) ✓ Google Analytics & AWS SNS ✓ Development with Azure OCR Service and NodeJS OCR service ✓ Code Security Review & fixes for GDPR
Scope Summary	<p>A web portal designed to facilitate organizations/individuals to send handwritten letters to their customers/recipients. The process starts from accepting online orders from organizations or people for their original letter text, handwritten styles they prefer and address of intended recipients. Once Web portal takes order, selecting stationary, handwriting styles and finally accepting the payments then Backoffice web portal facilitates reviewing order, break down in jobs, assigning to writers (basically scribes), receives written handwritten notes hard copies, approving/verifying the handwritten notes by comparing with original letter text, getting delivery ready and tracking end to end delivery of precious handwritten notes to the intended recipients.</p> <p>Backoffice also has other modules which include Customer Management, Scribes Management, Handwritten Styles Management, Invoices Management etc. The crucial part is “Approving handwritten notes” – Here Azure cognitive OCR Service integrations is going on, Also RnD on Google’s OCR service based on NodeJS is under consideration. Then future view is to integrate AI and Azure IoT capabilities for better service.</p>

Project	Fleet Management System – Netherland based client
Role	Technical Architect
Duration	18+ Months
Tools & Technologies	.Net, C#, MVC, Angular, HTML5/CSS3, Microservices, Azure App Service, Azure SQL Database, Azure Queue Storage, Azure Functions, Azure DevOps Services, Azure AppInsights , GitHub, VSTS
Responsibilities	<ul style="list-style-type: none"> ✓ Collaborate with business stakeholders to understand and document requirements for Fleet Maintenance, Contract Management, Fuel Management, Route Planning, Safety Programs, Collision Response, and Compliance and Regulatory Compliance. ✓ Define the overall system architecture, including the choice of technologies and components. ✓ Design the system to be based on .NET, MVC, Angular, Web API, Azure

	<p>Services and Azure SQL Database.</p> <ul style="list-style-type: none"> ✓ Plan for scalability, performance, and security considerations. ✓ Choose the appropriate technologies and frameworks within the .NET ecosystem to implement each module of the Fleet Management system. ✓ Design the database schema for Azure SQL Database to accommodate data related to fleet maintenance, contracts, fuel usage, routes, safety incidents, and compliance records. ✓ Develop a security strategy for data protection, user authentication, and authorization, ensuring compliance with industry standards and regulations. ✓ Utilize Azure services for scalability, including Azure App Service for hosting, Azure SQL Database for data storage, and Azure Functions for specific functionalities. ✓ Configure Azure services for high availability and disaster recovery. ✓ Implement a microservices architecture to modularize different features of the Fleet Management system for scalability and maintainability. ✓ Design and develop RESTful Web APIs using Web API to expose fleet-related functionalities, facilitating communication with various client applications. ✓ Establish coding standards and perform regular code reviews to ensure code quality and adherence to best practices. ✓ Plan the deployment strategy to Azure, including CI/CD pipelines for continuous integration and deployment.
Scope Summary	<p>The Fleet Management System is a comprehensive solution designed to support fleet operations by integrating required features. It encompasses Fleet Maintenance, Contract Management and Fiscal Planning, Fuel Management, Route Planning and Optimization, Safety Programs, Collision Response, and Compliance and Regulatory Compliance.</p> <p>Fleet Management Solution streamline client's fleet operations, reduces costs, and enhance safety and regulatory compliance. Fleet Maintenance enables proactive vehicle upkeep, minimizing downtime and unexpected repairs. Contract Management and Fiscal Planning facilitate optimized cost control and risk mitigation.</p> <p>Fuel Management helps cut fuel costs while improving environmental responsibility. Route Planning and Optimization increases operational efficiency, reducing mileage and enhancing on-time deliveries. Safety Programs and Collision Response enhance driver safety and accident management.</p> <p>Compliance and Regulatory Compliance features ensure adherence to industry standards and regulations, reducing legal risks. This Fleet Management System offers a holistic approach to managing vehicle fleets, ensuring businesses can operate efficiently, cost-effectively, and in compliance with industry standards.</p>

Project	Survey Platform – US Client
Role	Technical Lead/Project Manager

Duration	24+ Months
Tools & Technologies	MVC, Web APIs, JavaScript, AngularJS , Typescript, SASS/LESS, ADFS, UWP, SpecFlow, MS SQL Server 2008/2016
Responsibilities	<ul style="list-style-type: none"> ✓ Architecture design based on MVC, SOA ✓ Development in Angular 2.0 ✓ Database exchange mechanism & Web APIs ✓ Azure Active Directory Integration ✓ BDD with SpecFlow
Scope Summary	<p>A renowned survey platform, complete solution for creating survey, branding, assigning and distributing to customers and analyzing survey responses with wonderful analytical reports.</p> <p>This platform consists of Web portal, Mobile Applications (iOS, Android and Windows), Windows services and SPA with HTML5/Angular.</p> <p>Powerful features are branding survey, hierarchical structure suits for any organization as one-stop product for Surveys and analytical reports.</p>

Project	Retail Sales ERP – <i>Finland based Client</i>
Role	Technical Lead/Project Manager
Duration	48+ Months
Tools & Technologies	<p>Existing Solution - Silverlight 5.0, MVVM and MEF, ASP.Net 4.0, MS SQL Server 2008, Entity Framework, IIS 7.5, TFS</p> <p>New Solution – MVC, AngularJS 2.0, TypeScript, RESTful Service, HTML5/CSS3 Deployment Environment – Azure</p>
Responsibilities	<ul style="list-style-type: none"> ✓ Silverlight Development & RESTful Service ✓ Deploying on Azure, Monitoring App Services with App Insights ✓ Performance optimizations ✓ Leading migration of Silverlight to MVC/Angular platform
Scope Summary	<p>This project started with ERP Development with Silverlight and WCF. Main modules are Sales, Purchase, Product, Timebooking, Tyrehotel (Car services) and Expera (Ticket based support service).</p> <p>Sales & Purchase modules are the busiest parts of ERP, here order is taken, products chosen, prices calculated, cash reports generated, inter business units purchasing happens etc. product module is all about inventory management with specific discounts, VAT charges etc. Timebooking module is handling reservations for vehicle services and managing its schedules.</p> <p>Expera is the module which maintains internal task managements, bug fixing with newsletters and important announcements.</p>

OTHER PROJECTS

Project Details	Responsibilities Performed	Technology Stack
Transportation Management System Netherland based client Duration: 4 Months Role: Sr Lead Developer/ Code Reviewer	<ul style="list-style-type: none"> Architecture design Silverlight Development with Telerik controls WCF RIA Service libraries Leading development team 	Silverlight 4.0, MVVM and MEF, ASP.Net 4.0, SignalR, MS SQL Server 2008, Telerik controls, Telerik reporting, WCF RIA service with Entity Framework, SVN
Transportation Management System Netherland based client Duration: 8 Months Role: Technical Leader	<ul style="list-style-type: none"> Technical client communication for requirements Architecture of design Web Platform Development in jQuery, XSLT/XML, HTML5, Umbraco Parsing logic development for RSS feeds & APIs 	ASP.Net 3.5, LINQ, JavaScript, jQuery, Ajax, RabbitMQ, Umbraco CMS, PayPal Payment Gateway, HTML5, XML/XSLT, MS SQL Server 2008, WCF Services, HTTP Handlers, SVN
Online Gaming Platform Netherland based client Duration: 10 Months Role: Technical Leader	<ul style="list-style-type: none"> Technical client communication for requirements Architecture & database design Web modules development Leading Team development 	ASP.Net 3.5, Entity Framework, JavaScript, KendoUI, MS SQL Server 2008, IIS 7.0, SVN, Crystal report
Online Annotation Portal Canada based client Duration: 6 Months Role: Technical Leader	<ul style="list-style-type: none"> Technical client communication Silverlight & ASP.Net Development Database Modeling and Design 	Silverlight 4.0, Navigation Framework, ASP.Net 3.5, SQL Server 2008 and A.nnotate Annotation API
Legal & Accounting Portal US based client Duration: 4 Months Role: Lead Developer	<ul style="list-style-type: none"> Quickbooks SDK Integration Designing and development of SSIS packages Web modules development TDD with NUnit 	ASP.Net (3.5 with C#), SQL-Server (2008), CSS, HTML, JavaScript, Ajax, WCF, jQuery, NUnit, Quickbooks Pro 2009, BI Development Studio

Construction Company Portal Canada based client Duration: 30 Months Role: Lead Developer	<ul style="list-style-type: none"> Developed Sales module of Web Application Installed BBX Switch and channels for real time development Worked on highly optimized windows listener service to read GPS signals, put in MSMQ and then insert into database Windows Application Development (Dispatch Application) 	ASP.Net (2.0 with C#), SQL-Server (2005), CSS, HTML, JavaScript, Ajax, MSMQ, ASMX based SOAP Service, Remoting, Microsoft MapPoint 2006, .Net Compact Framework
Graphic Design Tool US based client Duration: 4 Months Role: Senior Developer	<ul style="list-style-type: none"> Architecture of Windows Application Infragistics tool usage and integration C#.Net Development in 2.0 	.Net framework 2.0, C#, Infragistics Tool, Visual Studio. Net 2005, SQL Server 2000, Visual Source Safe
Caregiving Web Portal Canada based client Duration: 8 Months Role: Senior Developer	<ul style="list-style-type: none"> Functional web development in .Net 2.0 and JavaScript ADO.Net Implementation Database modeling & design, writing Stored Procedures 	.Net framework 2.0, Visual Studio. Net 2005, ASP.Net 2.0, SQL Server 2000, Visual Source Safe, WCAG 1.0 guidelines
Legal Web Portal US based client Duration: 10 Months Role: Software Developer	<ul style="list-style-type: none"> Development in PHP, MySQL, JavaScript, HTML and CSS Client communication for requirement gathering process. Demonstration with deployment 	PHP, MySQL, JavaScript, HTML/CSS, Apache

EDUCATIONAL QUALIFICATIONS

Bachelor of Engineering in Information Technology (BEIT)
Passing Year - 2004

CERTIFICATIONS

Microsoft 70-480	Exam 70-480 Programming in HTML5 with JavaScript and CSS3
Microsoft 70-483	Exam 70-483 Programming in C#
Microsoft 70-497	Exam 70-497 Software Testing with Visual Studio