

Visionary IT and Software Development Executive deeply rooted in Cloud and Web technologies. Leverages business acumen, technical expertise, and team leadership to deliver solutions superior in quality, scalability, performance, and simplicity. Master at leading development through every phase. Achieves exceptional delivery quality and reduced development time. Big picture thinker with an eye for detail.

Core Competencies that Drive Results Across the Enterprise

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|---------------------------------|------------------------------|--------------------------------|
| ▪ Enterprise Architecture | ▪ Software design principles | ▪ Technology Selection |
| ▪ Cloud technologies | ▪ Microservices | ▪ Software Start-Up Operations |
| ▪ Team Building | ▪ Test Driven Development | ▪ Project Management |
| ▪ Agile Development Methodology | ▪ DevOps | ▪ Managing Offshore Resources |

A History of Leading Companies and Teams to Success

IT AND SOFTWARE DEVELOPMENT EXECUTIVE

Capgemini (Sogeti). Client Industry: Health Care Provider (with 50K employees)

2017 – Present

Heading up the Cloud and Web pillar in organization's Innovation Group.

Team builder: Conquer challenges of finding and hiring experienced developers. Expert and driven hands-on educator and morale builder. Empower subordinates and enable development teams.

Recipient of organization's 2018 Excellence Award.

Build a holistic view of and implemented the organization's cloud-first architectural strategy:

- **Serverless**, cloud optimal, patterns. **PaaS** inspired.
 - Optimize hosting related expenses. **Flexible expenditure**. Pay for what you use.
 - Leverage **elasticity** of compute and storage. **Auto scaling**.
 - Embrace **Immutable principles** -- software and infrastructure. Multi-Stage gated CI/CD pipelines. **Build once, deploy many**. **Infrastructure as Code**. Simpler, accelerated, consistent and highly predictable deployment processes.
 - Optimize search experience using a **search engine**. Sophisticated search features: suggestions, faceted search, filters, hit highlighting, sorting, and paging. Feature-rich search experiences while distributing IO load between search engines and databases.
 - **Compliance** with industry and location-based policies. OWASP protected web sites.
 - Utilize **Managed Identities** to keep credentials out of the code and application configuration.
 - Consistent and modern cloud-based **API Gateways** for existing back-end services hosted anywhere. A clearing house for all APIs in the organization harnessing the power of APIs. A platform to address the challenges and requirements associated with publishing APIs.
 - Hide Websites behind **Application Gateways** to protect the sites from OWASP attacks. Technologies involved include CNETs, Subnets, load balancer rewrite rules, listeners, custom domains, Web Application Firewall, DNS Zones, Network Security Groups (firewalls) and health checkers. Some sites put behind **CDNs**.
 - Utilize **unit test** frameworks while testing components expected to run under an Azure host.
 - **Isolate resources** into containers for optimal access control (RBAC), deployment and monitoring.
 - Using Azure DevOps to host **private NuGet packages**.
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Capgemini (Sogeti). Client Industry: Government

2016 – 2017

Provided technical assessment plus future direction guidance for client's 3-million-line application.
130-page assessment document delivered to client.

Capgemini (Sogeti). Client Industry: Technology

2016 – 2016

Took ownership of a five-month work in process AngularJS project for client who lost their architect.

- 1,480-unit tests for a total of 94 percent code coverage.
- Mentored the client developers on AngularJS and TDD using libraries such as Karma/Jasmine.
- Trained the client developers with adopting TypeScript and Angular 2.

Capgemini (Sogeti). Client Industry: Health Insurance

2015 – 2016

Entrusted as Engagement Manager to manage the relationship with one of Sogeti's largest Arizona clients.

SENIOR IT LEADER**Northcentral University**

2014 – 2015

Lead and managed six development teams responsible for multiple web-based related applications in the Education sector.

Served on the Steering Committee together with school deans and senior leadership to collectively envision and support the growth and development of the applications.

Converted all students over to the new mission critical learner management application.

Implemented web-based real time audio and video communication between faculty and students.

CTO**Sumo Mobi, LLC**

2013

Built and operated an application development start-up. Provided feature-rich SaaS applications to enhance individual, team and organizational productivity. Lead all development and testing functions, operations, finance, business development, social and search engine marketing and full SDLC.

Support for over a 100 device types (desktops, tablets, and smartphones), multi-user, cloud-based and serving individuals, middle market companies and corporations.

Developed a CAPTCHA alternative.

Filed User Authentication and a Project Management-related patent.

ENTERPRISE SOLUTIONS ARCHITECT**ADP Dealer Services**

1996 – 2012

Designed, developed, and delivered enterprise architecture for this \$1.5 billion company. Contributed to automobile dealers' Sales, Finance, Credit, Inventory, Trade-in, Evaluation, Quote, Service, Parts and CRM applications.

One of three associates out of the 600 in the developer community operating at this level. Being transparent to the entire organization and executive leadership on technical strategy, design decisions, and architecture risk assessment across a diverse set of applications.

Delivered ADP's AJAX solution five years prior to AJAX's commercial appearance.

Technical Domain

ESSENTIAL

- Azure Functions
- Azure Cognitive Search
- Azure API Management
- Azure Key Vault
- Azure Managed Identities
- Azure Cosmos DB
- Azure DevOps
- Azure Resource Manager
- Azure Event Grid, Event Hub and Storage Queues
- Azure Active Directory
- Azure Gateway with Windows Application Firewall (WAF)
- Azure Service Bus
- Azure Traffic Manager
- Azure Front Door
- Azure CDN
- Azure SQL Database
- .NET Core 3.x,
- C# 8,
- Git,
- REST
- Microservices plus Cloud Native Apps
- Razor Pages
- REST
- MSTest

AUXILIARY

- Angular
- TFS
- SQL Server (various releases)
- MVC, Web API
- T-SQL
- Bootstrap
- TypeScript
- jQuery, jQuery Mobile
- JavaScript
- JSON
- Windows (various) including IIS
- LINQ-to-SQL
- WebRTC
- HTML5

NuGet

Creator of a world class NuGet package (<http://www.sumomobi.com/t2o>).

Education

MBA & BSc Engineering

University of Pretoria, South Africa

Certifications

Pursuit Leader (Sogeti)

February 2021

Artificial Intelligence for Everyone (Coursera)

June 2020

Sitecore Certified Professional Developer

December 2015

Career at a Glance

