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## NICK DYER

FULL STACK SOFTWARE ENGINEER &  
PROJECT MANAGER

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### PROFILE

Freelance Chartered IT Professional Full Stack Software Engineer & Project Manager with a wealth of sophisticated technical, project management and interpersonal skills honed whilst successfully designing, developing, deploying & supporting innovative yet highly practical value-added solutions for clients on four continents

### CONTACT

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### LINKEDIN

<https://www.linkedin.com/in/ngdyer/>

### PERSONAL

<https://nickdyer.dev/>

## EXPERIENCE

### AI/ML - C#, .NET CORE, ANGULAR 7, AZURE, API

Recently completed (May-19) and remain as a part time CTO for a complex project involving integration of Telephony with text transcription and Artificial Intelligence / Machine learning to derive valuable marketing information in customer voice/video communications. A **.NET Core C#** backend **API** stack with **SQL Server** hosted in **Azure** with an **Angular 7** front end using **Bootstrap** with **Material Design** standards. In addition to the development of a **Public API** the system required a supporting **JSON Web Token (JWT)** secured private API stack. The Front & Back ends are wholly integrated with **Twilio's** voice & video telephony **public API**.

### IONIC MOBILE - C#, .NET CORE, ANGULAR 7, AZURE

4 years of experience developing Ionic based Apps. Recently completed development of an **Ionic** app for **iOS** and **Android** for Sightseeing Munich. App delivers audio tours of monuments and areas of beauty in the city of Munich. The app was supported by the development of an **Angular 7** based **.NET Core C#** Content Management System (CMS) running on **Microsoft Azure**. The CMS provides the owners with functionality to manage the addition and editing of tours in their product range in both English and German as well as provision of an **API** stack for the mobile app.

### FINTECH - ASP.NET, SQL SERVER, SSRS, POWER-BI

10+ years of experience in development of web based portals and back office systems including trading platforms for clients in Financial Services. Clients include Moore Stephens Retirement Solutions & Satus Administration Services. Development of **Mobile-First, Bootstrap** based **ASP.NET** in **C#** & **VB.NET** front end providing both back-office administration as well as investor facing portal for Investment Management. Integration with **Bloomberg**, FE Analytics and other Exchange Data providers via **API** and **SOAP**. Integration with **SQL Server Reporting Services** and **Power-BI** extensively leveraged as well as Bidirectional links with **Viewpoint** & **Microsoft Dynamics CRM**.

### HEALTHCARE - ASP.NET/SOAP/REST

10+ years. Orchestrated development of ground-breaking web-based patient record and healthcare facility/practice management product offering clinical & administrative benefits: available in SaaS subscription-format or installed on a client's own infrastructure, E-vita leverages the power of **SNOMED-CT** international clinical terminology to deliver key management & clinical data for primary, secondary & community health environments; clients included:  
:: UK field success: at Homelink, supplier of acute sector care services

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### SKILLS

Skill	Years
.NET Framework	10+yrs
ASP.NET	10+yrs
.NET Core	4yrs
SQL Server	10+yrs
Angular (2-7)	4yrs
C#	10+yrs
VB.NET	10+yrs
VBA	10+yrs
Javascript	8yrs
Azure	4yrs
Ionic Android/iOS	4yrs
REST/API	10+yrs
SOAP	10+yrs
Active Directory	10+yrs
HTML5/CSS	4yrs
jQuery	6yrs
Artificial Intelligence	2yrs
Machine Learning	2yrs
SQL Server Reporting	10+yrs
Power-BI	4yrs

in patients' own homes

:: UK field success: at Medihome, supplier of domestic medical services, E-vita enables nursing staff to input information via App or web browser for access by GPs & hospital clinicians; this success story is portrayed in a UK NHS Institute for Innovation video.

:: E. Africa healthcare: approached by Aga Khan Health Services to support group of 4 Kenyan hospitals: provision of SaaS based diagnostic & procedural records systems (with all data held in UK) despite more unusual project problems like power cuts, infrastructure & telecoms issues

:: Military application: this major contract for an NHS Trust involved linking 80 sites across British Forces Europe to provide unified electronic patient records shared between primary, secondary & community health staff at British military and German civilian units: complexities included conforming to stringent MoD security guidelines on data interchange and highly variable network infrastructure assets. Extensive implementation of business logic to ensure ICD-10 & ICD-9 clinical coding quality.

### HISTORY

#### EVAWARE LTD, ISLE OF MAN

OCT 1994 TO PRESENT

##### Director & Owner

Software Engineering and IT consulting for a large number of industries in four continents. I have specialised in Healthcare & Financial Services but have worked in Shipping (Air & Sea), Travel & Tourism, Fleet Management, Real Estate, Military solutions and Project Management.

First incorporated as a Ltd company in England, United Kingdom in 1997 and re-incorporated in Isle of Man in 2007.

### EDUCATION

HND Higher National Diploma Computer Studies

### LANGUAGES

English  
Swedish

Native  
Business Proficient

### REFERENCES

WRITTEN REFERENCES AVAILABLE ON REQUEST