### British

### 550 / day profile

I provide high level solutions architecture, business/system analysis and solution design.

I am a hands-on solutions architect and technical lead, primarily on the Microsoft stack. I have driven cross functional development teams in several production grade enterprise projects delivered successfully through agile software development. I have excellent experience in managing multi stakeholder communication during complex interactions with Client Partners / Vendors in key projects. I have excellent experience of mitigating risk and clearing technical roadblocks associated with solution architecture

Of late, my interests have been on Azure platforms, REST APIs. Machine Learning languages interest me and I have been piqued by Tensorflow and LUIS and been dabbling with them in my free time.

Having been involved in the SDLC of numerous projects, in diverse industry sectors such as **Media, Finance, Legal, Consultancies & Recruitment**, I can provide the best focus, direction and commitment to any technical challenge facing an organization.

I have a strong educational background, having graduated from University of Oxford with a Masters in Software Engineering

### objective

With my skillset and experience, I am confident that I will be well suited for roles that require cloud architecture, solutions architecture, technical architecture, solutions delivery, team management and technical direction to any organisation.   
  
I can solution lead software projects from a top level and can also step in and assist the teams in coding.

### technical

* Solutions Architecture, Cloud Architecture, Technical Architecture, Technical Lead, Team Lead, BDD, TDD, Agile, REST, Azure deployment
* .NET / C#, MVC 3.0/4.0/5.0, Web API, JIRA, Confluence, Specflow, NUnit, Balsamiq, Rabbit MQ, HTML5, JSON, SaaS, PaaS, Angular2
* Database design and development using MS SQL Server. Related knowledge in DTS, SSIS, SSRS

### key projects

**Project HCA Patient Onboarding Project**

**Client Sapient Razorfish**

**Role Integration Architect**

**Period Jan 2018 – Till Date**

Sapient Razorfish are a digital transformation agency and part of the Sapient group. For one of their private medical clients, HCA, Sapient required the services of a API integration architect who can help with designing and documenting the integration layers and API endpoints. The main responsibilities for this role is:

* Design the API and integration layers
* Define the API end points
* Document the API layers using SwaggerHub (YAML / JSON)

**Project Deployment project**

**Client ETZ Technologies**

**Role Azure Architect**

**Period Sep 2017 – Nov 2017**

ETZ Technologies is a technology company involved in the development of software for the recruitment industry. ETZ required a hands-on azure architect to migrate an existing on-premise solution to an azure platform.   
I was involved in:

* Mapping out the Azure architecture for the migration
* Deploying the current solution to an Azure platform.
* Creating a CD/CI pipeline in Azure
* Working with the stakeholders to enable a smooth transition to the new cloud platform
* Creating a new MongoDB database to handle a functionality requirement
* Creating Azure functions and an API to integrate with the MongoDB
* Identification of GDPR requirements in order to assess the current compliances of the application

**Key Technology: Cloud Architecture, Solutions Architecture, Systems Analysis, Azure Deployment, Azure functions, MongoDB, Web API, GDPR, Angular 2**

**Project Global E-learning Platform**

**Client +rehabStudios / HSBC, London, UK  
Role Integration Architect**

**Period Apr 2017 – Aug 2017**

**+**rehabStudios is a creative technology agency involved in building digital marketing products.

I joined rehabStudios as an Integration Architect for one of their recent projects with a global bank, HSBC, to help transform their global e-learning platform.

Key responsibilities included:

* Mapping out the existing technical landscape of HSBC’s existing e-learning platform
* Conducting user interviews and gathering/documenting the requirements
* Preparing the platform fit-gap analysis
* Proposal and designing the new technical architecture involving integration of various services and platforms within HSBC
* Assessing the governance and regulatory requirements of the solution implementation
* Preparing the scoring matrix for the RFPs
* Working through the RFPs and RFIs to analyse the COTS solutions
* Attend meetings and calls with the various stakeholders and senior management
* Help recommend the best provider for HSBC’s platform

As part of the architecture plans, I had been involved in investigating various integration platforms and LMS solutions such as Mulesoft, SuccessFactors and Sharepoint.

**Key Technology: Technical Architecture, Solutions Architecture, Systems / Business Analysis, Visio, Integration Architecture, RFP, Stakeholder management, User interviews, Governance, Regulatory, Security, Mulesoft, SuccessFactors**

**Project Case Mix Programme**

**Client ICNARC, London, UK  
Role Senior Solutions Architect**

**Period Oct 2016 – Mar 2017**

ICNARC is an independent center that provides high quality audit information through their national clinical audits. The Case Mix Programme (CMP) is an audit of patient outcomes from adult, general critical care units (intensive care and combined intensive care/high dependency units) covering England, Wales and Northern Ireland. The CMP is listed in the Department of Health’s ‘Quality Accounts’ as a recognized national audit by the National Advisory Group on Clinical Audit & Enquiries (NAGCAE) for ‘Acute’ care.

I was hired by ICNARC as a Senior Software Consultant to look at the rewrite of the CMP system. As part of my job, I was involved in eliciting requirements for the new CMP system by using a combination of interviews, existing document analysis, requirements workshops, surveys, hospital visits, business process descriptions, use cases, scenarios, business analysis, task and workflow analysis.

I was involved in producing a Functional Specification and Technical Specification document for ICNARC that outlined the plan for the new CMP system. I was also involved in architecting the cloud platform (Azure) where the solution was proposed to be hosted.

My past experiences as a Solutions Architect and Developer in the past greatly helped me to plan effectively when capturing user requirements and modelling them to a technical solution.

**Technologies Used: MS Visio, Balsamiq, Azure architecture, Microservices**

**Project Video Interviewing Platform**

**Client ROC Search, London, UK  
Role Architect and Senior Developer**

**Period June 2016 – July 2016**

ROC Search is a global recruiter of IT and Engineering jobs in UK, US and Germany. Being always at the forefront of best recruitment and hiring techniques, ROC Search wanted to deliver a video interview platform for their clients and candidates.

I was brought in to design, develop and deliver this web solution on a tight deadline of 6 weeks. By using a TDD approach, I was able to deliver a REST API interface hosting the various backend functionalities while using Ziggeo to deliver the actual functionality of video capture and delivery. The site also delivers text messages to its candidates and using Twilio , I was able to deliver this functionality.

The site was initially hosted on an azure platform and I had gained a good exposure and experience of setting up and using sites on an Azure platform. It was later moved to a VPS due to business reasons.

**Technologies Used: ASP.NET 4.5, C#, MVC5, Ziggeo, SQL Server 2014, Twilio, Ninject, Azure, Bootstrap, Javascript, JQuery**

**Project: RADIATE  
Client: Randstad Sourceright, UK  
Role: Solutions Architect   
Period: Jan 2014 – Apr 2016**

Randstad Sourceright is an operating company of Randstad, the second largest HR services provider in the world with global revenues of $22 billion

RSR (UK) intended to replace their legacy application with an integration services platform for integrating their VMS (Vendor Management Systems) data with their Pay&Bill System and also for creating integration between the VMS and Bullhorn, the front office system for sourcing candidates.

I was initially involved in the process mapping with the business process team, eventually working on the solution design and architecture by having discussions with the VMS providers and internal project stake holders. I was also then involved in the complete SDLC and deployment/implementation of the solution.

The core application was designed as a set of REST interfaces on Microservices architecture and was developed using Web API 2.0 (.NET/C#).   
  
Specflow and NUnit were used as the BDD and TDD layers, respectively.   
  
The front end used Bootstrap, JQuery and built using MVC 5.0.   
  
The backend was in SQL Server 2014 with Entity Framework architecture

**Key Benefits**

* Stabilized extracts of time and attendance data feeds direct from the VMS systems via automated extracts and APIs
* Improved the quality of data exporting and has stabilized current payroll and billing processes by removing manual payroll uploads that require no manual intervention other than error handling
* Allowed the business to make an estimated c.£150k-£200k of headcount savings as a result of automation and increased efficiency
* Provided the business with a range of standard interfaces and implementation guidelines for future implementations that can be accommodated within existing payroll and billing systems without costly bespoke development or manual workarounds
* Enhanced balance and controls - both front and back office, through standard and automated processes and agreed reporting controls
* Resulted in seamless, end to end process from requisition through to paid invoice
* Created a scalable, maintainable infrastructure and integration platform that will facilitate future profitable growth

**Technologies Used: C#, MVC5, Bootstrap, JQuery, SQL Server 2014, EF, RabbitMQ, Specflow, NUnit, Microservices, Javascript, JQuery**

**Project: PROSPECTUS WEBSITE (www.prospect-us.co.uk)  
Client: Pretty Digital Agency  
Role: Technical Lead/Developer  
Period: October 2013 – December 2013**

Pretty Digital Agency needed an experienced and hands-on technical architect / developer for building an Umbraco based web site for one of its clients.

The website needed to be content driven using Umbraco and jobs were fed through from a third party application. The system was designed using Umbraco 6.0 (MVC 4)

REST services were written using Service Stack (www.servicestack.net). MVC 4 views were integrated with the Umbraco site so that both Umbraco based and non-Umbraco data were rendered onto the site

**Technologies Used: ASP.NET 4.0, C#, MVC4, Service Stack, SQL Server 2008, Subversion, Autofac, Umbraco 6.1, Javascript, JQuery**

**Project: AWR  
Client: Randstad UK  
Role: Technical Lead / Developer  
Period: September 2012 – September 2013**

Randstad Recruitment is the second largest HR service provider in the world. With their huge client base and workforce, their functionalities include staffing, inhouse services and managed services.

Randstad had a need for a .NET consultant to help deliver some key functionalities surrounding the implementation of the government’s AWR (Agency Worker Regulations). The functionality had to be incorporated into their existing Timesheet & Attendance system (RITA). As part of my work, I had to interact with the business in understanding the requirements of AWR, understand the interaction between the key systems (the front office, T&A and payroll systems) and deliver a solution that would enable Randstad to pay their workforce based on the workers’ AWR status. The AWR module was then exposed as a REST service using WebAPIs for the other businesses to consume.

Apart from developing new functionality, I had been tasked with analyzing the current system and suggesting ways of fine tuning it. I had to check the stored procedures and ensure that the code was optimized – using a combination of reducing code burden in the stored procedures and testing the memory hogs in code

The project used agile methodology and GitHub for sourcesafe integration

**Technologies Used: ASP.NET 4.0, C#, SQL Server 2008, WCF, MVC4.0 (WebAPI), Git, Agile, JQuery, Javascript**

**Project: Canter Banter Website  
Client: Purple Design Agency  
Role: Lead Technical Consultant  
Period: April 2012 – August 2012**

Purple Design Agency is a pioneering digital agency with a huge client base in and around the UK. Purple’s esteemed clients, British Showjumping Federation, had a need to get their canter banter website ready to be hosted before the Olympics. The site had a huge social media interaction with Facebook news feeds, twitter feeds, Google plus feeds and Youtube video feeds. It also had a registration and login module that had to tie in with their backend CRM database. The site also had a CMS functionality, a shopping functionality to sell Showjumping goods, banner ads and Classifieds.

The site was produced using Umbraco CMS for the front end and .NET/SQL for the backend integration with payment gateway, CRM systems and Shop modules.

I was brought in as a **lead technical consultant** for the project and had to don various roles, including technical spec documentation, design of the backend systems and development of the modules. I had gained heavy exposure to Facebook app development, FB/Twitter/Youtube/GooglePlus feeds and FB login.

The development also made use of .NET WCF technology to pass login information/registration data to a backend CRM system hosted via a third party service provider.

**Technologies Used: ASP.NET 4.0, C#, SQL Server 2008, VS 2010, HTML 5, CSS 3, Umbraco 4.7, WCF, TDD, Git, Facebook and Social media integration, Javascript, JQuery**

**Project: InvestorBee website development  
Client: Digital White  
Role: Solutions Architect (Hands on)  
Period: September 2011 – February 2012**

Digital White is a digital agency based in London, providing digital consultancy, web applications and campaign microsites to clients

Digital White was developing an investor web site for one of their financial clients and needed a Technical Lead to help them design and develop the web application. The front end was developed using Umbraco CMS and the backend was designed using C#/.NET/SQL 2008.

I worked alongside a web designer and a front end developer. My role was in architecting the solution, working on the OO designs and database development. I was also involved in developing the backend coding of the application and also working with the front end developer and designer in ensuring that the application came together fine.

Test cases were written using nUnit

**Technologies Used: ASP.NET 4.0, C#, SQL Server 2008, VS 2010, Umbraco V4.7, JQuery, Javascript, HTML, CSS, nUnit, Agile**

### other significant projects

* Helped in the **migration of legacy applications** for a Housing Association (Hyde Housing). Was instrumental in drafting specification requirements, technical design and development of the core web services for the intranet
* Worked on a key project to create a platform for the **exchange of digital assets over a secured portal** for a world leading media organisation (DDB London)
* Was part of a **key government project** managed by Logica Systems
* Developed a portal for an **airline consultancy firm** for their fleet valuations portal
* Worked on a crucial **treasury systems project** for a media giant (**Omnicom**) in creating a portal to understand the **financial** health of their subsidiaries

### key personal data

|  |  |
| --- | --- |
| gender | Male |
| nationality | British |
| education | MSc in Software Engineering,  Kellogg College,  Oxford University ‘2015 |
| other | Hold full UK Drivers license  Keen runner and health enthusiast   Avid reader who likes to keep myself abreast of the latest developments in software implementations – both the good and the bad! |