

REECE COTTAM

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C# | Azure | Microservices | SQL | SOLID | React

INTRODUCTION

I am a Lead Developer with 10 years of experience in the field and a proven track record in Web Application Development using C#, .NET Core and Azure alongside Front End skills using React and HTML / CSS – recently, I have progressed into leadership, and I would like to build on that experience in order to obtain a Principal, Lead or Managerial position.

KEY SKILLS

HTML5 + CSS3	Microsoft Azure	Web API	Git
JavaScript	TDD / BDD	.NET 6	React
SOLID Principles	Bootstrap	Agile	Entity Framework
C#	CI / CD	Microservices	Team Leadership
Azure PaaS	Azure IaaS	MVC	SQL Server

KEY ACHIEVEMENTS

- Slashed **£20,000** worth of Azure costs for NetMonkeys
- Saved Metro Shipping a massive total of **£15,000** in Licensing Costs.
- Enabled Speakers for Schools to scale the uptake on their platform by 125%
- Extensive track record of implementing modern, good quality practises, including SOLID Principles, KISS and DRY.

PROJECTS

National Grid Plc **Staff Software Engineer** **November 2022 – Present**

National Grid is responsible for transmitting and distributing electricity throughout the country – My role as a Staff Engineer is to work alongside the Engineering Manager as an equivalent peer, provide technical guidance and direction to the team, and be hands-on with our main product – Visibly.

During my time here I have;

- Added new Data Sources to our ETL – entailing the provisioning and coding of new Azure Functions
- Exposed new data to our React frontend through the Backend API written in C#
- Liaised and negotiated with Product Managers in order to allocate time within Sprint for technical debt
- Set up new pipelines in Azure DevOps, allowing us to add/remove Keys in Keyvault
- Actively contributed towards retrospectives, helping to improve our processes and working culture
- Paired and swarmed with engineers to unblock any impediments and offer guidance
- Reviewed PRs and implemented improvements to the process such as pairing up with someone on a PR once it's raised to save waiting

Corsham Science**Lead Software Engineer****May 2022 – November 2022**

Corsham Science are a group of Companies specialising in Pharmaceuticals Manufacture and Healthcare – during my time there, I was responsible for

- Running Scrum Ceremonies such as Daily Scrums, Refinement and Retrospective sessions
- Acting as an interface between the team and management
- Leading a team of 5 engineers which included supporting, coaching and mentoring them to their full potential
- I developed a patient reporting utility which enabled our staff to easily see who had opted in or out of patient self-service offerings

Career Break**Jan 2022 – May 2022**

During this time, I had encountered mental health issues due to a near bereavement in the family, so I took the time out to support them and focus on putting myself in a good place to take on a new project in May.

I had kept on top of my usual Pluralsight training during this time, primarily about Clean Architecture andDDD.

Smartr365**Technical Architect****November 2021 - December 2021**

Smartr365 are a SaaS CRM Provider for mortgage brokers and advisors - during my 2-month tenure there, I achieved the following;

- Redesigned our authentication flow using Azure B2C Custom Policies, which allowed us to perform Multi-Factor Authentication on a Mobile Number stored in the Database rather than allowing a free text input
- Ran and significantly contributed towards ADR sessions including a shift towards Microservices
- Migrated our PDF Generation to Microservices using Azure Functions which increased the maintainability and reliability of those features - previously we were using two different libraries for it which was causing compatibility problems.

Beelivery**Senior Software Engineer****Aug 2021 – November 2021**

Beelivery are an online grocery delivery platform competing with the likes of Uber Eats, Deliveroo and Just-Eat, during my 2 month tenure there, I have achieved the following;

- Implemented a CMS system for the public-facing website using Strapi and Angular 10 which allowed the Marketing Team to deploy Campaigns, and custom HTML pages and update associated content.
- Designed and implemented a Microservice responsible for getting driver receipt data entered into our CRM system through an OCR Reader API - this enabled Customer Service to process receipts, refunds and pay drivers 50% quicker.

Speakers for Schools**Senior Full Stack Engineer****Nov 2020 – April 2021**

Speakers for Schools is a Charity with a mission to improve young people's social mobility through an online work experience platform linking employers to those young people – during my 5 month tenure there, I achieved the following;

- Designed, planned and implemented the rebuild of our Work Experience Platform into a Microservices Architecture using Azure PaaS Services, this new architecture massively improved the reliability, availability and integrity of the platform and thus allowed millions more young people to gain work experience through it.
- Played an integral part in the end-of-life support of the legacy platform – to this endeavour, I reduced the number of support tickets from 85 Critical, Urgent and Journey-blocking bugs - to just 24 cosmetic bugs.

Metro Shipping**Technical Services Engineer****Oct 2020 - Nov 2020**

Metro Shipping is a freight forwarding Company Based in Birmingham - I had worked with them before and was re-engaged with them on a short-term project. During the course of my 6 week tenure there - I accomplished the following;

- Developed an outlook add-in to send documents to an off-the-shelf Freight Management System which saved Metro an annual total of £15,000 in licensing costs.

Edgemethods

Caterbook

NetMonkeys Ltd

ia2o Limited

UK Power Reserve

Metro Shipping

Other Contracts not detailed above

Sr. IoT Developer**Lead Developer****Lead Software Engineer****Senior Developer****Senior Developer****Solutions Architect****.NET Developer****Jun 2020 – Aug 2020****Feb 2020 – May 2020****Aug 2019 - Feb 2020****Jan 2019 - Apr 2019****Jun 2018 - Sep 2018****Apr 2018 - Jun 2018****Jan 2013 - Jun 2018****INTERESTS**

I am a 1st Dan Black Belt in Okinawan Karate - I have also practised many other Martial Arts such as Wing Chun and Judo.

I am also an avid Chess player and play regularly in the local District Leagues.

References and further experience are available on request.