

| | | | |
|---------------------|---------------------|------------------------|---|
| Name: | Daniel Shone | Preferred Name: | Daniel/Dan |
| Address: | Stenson, Derbyshire | E-mail: | dc@shone.uk.com |
| Mobile No: | 07761 673563 | LinkedIn: | https://www.linkedin.com/in/danshone/ |
| Nationality: | British | Notice Period: | 28 days |

Personal Profile

I am an AWS Architect and software engineer, with experience in delivering custom engineering projects using AWS, MSSQL (T-SQL) and .Net Framework (C#, ASP.NET). I particularly enjoy the challenges and problems that work can throw at you, and the sense of accomplishment when a project is successfully delivered. Outside of my current role I am an active member of the AWS Academy program and have my own AWS accounts running both production and dev systems (static/dynamic websites, email and code repository).

Employment History

| | | | |
|-----------------------|---|----------------------|----------------------|
| Company: | Rebura Ltd | Location: | London |
| Description: | Rebura is one of the fastest-growing AWS Consulting Partners. They are exclusively dedicated to using AWS technologies to help customers increase productivity, scalability, cost efficiency, and security. | | |
| Position Type: | Permanent | Environment: | AWS Partner |
| Job Title: | AWS Solutions Architect | Reporting To: | Principal Consultant |
| From: | 02/2022 | To: | Present |
| Department: | Professional Services | Team Size: | 8 |

- Conducting AWS Well Architected reviews, and creating customised remediation plans.
- Leading customer workshops to ascertain their business and architectural requirements
- Creating proposals and detailed specifications based upon customer requirements

| | | | |
|-----------------------|--|----------------------|----------------------------|
| Company: | CirrusHQ Ltd | Location: | Livinston |
| Description: | CirrusHQ was founded as an AWS cloud specialist. We live and breathe AWS, a focus necessary to provide our customers – which range across multi-nationals, SMEs, public bodies and educational establishments – with deep insights into this constantly evolving technology platform | | |
| Position Type: | Permanent | Environment: | AWS Partner |
| Job Title: | AWS Solutions Architect | Reporting To: | Professional Services Lead |
| From: | 10/2021 | To: | 02/2022 |
| Department: | Professional Services | Team Size: | 6 |

Duties:

- Performing AWS Well Architected review remediation (CloudFormation, Azure DevOps, AWS Code pipeline)
- Working with various non-profit organisations assist in their migration to AWS
- Cloud software development (Terraform, Python, DynamoDB)

| | | | |
|-----------------------|---|----------------------|---------------------|
| Company: | Intelligent Distributed Controls Ltd | Location: | Derby, DE21 4AS |
| Description: | Warehouse management and automation company, founded in 2003. Offers bespoke software/hardware solutions. | | |
| Position Type: | Permanent | Environment: | Solution Provider |
| Job Title: | Senior Software Engineer | Reporting To: | Software/IT Manager |
| From: | 06/2004 | To: | 10/2021 |
| Department: | WMS | Team Size: | 5 |

Duties:

- System design and development of bespoke customer systems (Using Microsoft Technologies and Android)
- Design/develop and support the in-house Warehouse Management System.
- Architect, implement and manage the multi account AWS cloud platform.
- Developing bespoke interfaces to existing legacy systems, third party data processing services, financial systems, and barcode printing/labelling systems.
- Management of the company's internal network working and IT systems.
- Provision of first line customer support services, including remote technical support.

Technical Skill-Set

- AWS Organizations and IAM – *Used to manage the corporate multi account AWS platform*
- AWS VPC, EC2, RDS – *Used to re-platform existing on-premises/data centre applications to AWS*

- AWS S3, SQS, API Gateway, CDK – *To re-architect on premise machine interface applications to utilise cloud services and cloud hosted applications*
- Microsoft SQL Server 2016/2019 – *As a highly available database backend for various customer projects and internal systems (using database Mirroring and High Availability groups)*
- .Net Framework 2.0/4.8 (ASP.Net / C#) – *To develop front end web applications and back-end services for various customer projects and internal systems*
- Android Studio (Java) – *To develop the mobile frontend API based application for a variety of customer applications*
- SSMS + T-SQL - *design and develop databases, queries, and store procedures*
- Microsoft Server 2008 – 2019 – *As the base operating system to run various workloads*
- Microsoft Hyper-V – *To provide high availability and redundancy for both customer and internal systems*
- Microsoft Office 365/Azure – *To manage all corporate email accounts and Microsoft subscriptions*
- SVN – *The main code repository and version control, to maintain application versioning*
- Telerik Reporting - *Create various reports and data exports using SQL datasets. The reports are either embedded in ASP.Net webpages or downloadable as PDFs.*
- Microsoft AD DS – *To manage the internal users / file shares and intranet application access*
- IT Networking – *Set up internal/customer VLANs, Site/Site and client VPN access, Firewalls and network infrastructure*

Projects:

- Re-Platform and subsequent Re-Architect of the Warehouse Management System (WMS) product to AWS Cloud.
Project duration: 3 months. Team size: 4
Roles/responsibilities: First to design and implement the corporate AWS architecture to facilitate the re-platforming of the existing WMS product to AWS, whilst adhering to the AWS Well-Architected framework. Followed by the re-architecture of WMS components to use cloud native features, to facilitate hybrid aspects of the system.
- Corporate WMS Product – Project to consolidate all prior project knowledge and experience into and off-the-shelf product. Project duration 12 months. Team size: 5.
Roles/responsibilities: General system architecture, design/development of the SQL database, customer API, internal APIs, Android application, KPI reporting, bespoke hardware interfacing, user web application.
- Cold store box label printing system.
Project duration 6 months. Team size 5.
Role: Design consultant and software developer. Duties involved aiding the customer in designing the optimum solution, utilising the best technologies for the application and budget. Followed by developing the software application to interface between the customer's Order Management System (OMS) and the label printing system
- Automotive Engine/Gearbox automatic storage and retrieval system
Project duration 18 months. Team size 15+.
Primary Role: Development of the server-side control system communications interface, design/development of the various user interface components, implementation of a web-based systems diagnostics interface.

REASON FOR LEAVING: Career progression

Education

- Degree in Electronics and Computing - 2:1 BEng (Hons), The Nottingham Trent University, 2000-2004

Professional Certifications

- AWS Certified Solutions Architect – Professional. 09/2021
- AWS Certified Developer – Associate, 05/2021
- AWS Certified Solutions Architect – Associate, 04/2021
- AWS Certified Cloud Practitioner, 03/2021
- DrayTek Certified Network Administrator, DraySchool, 02/2020
- EAL Level 3 in Programmable Logic Controllers, 11/2019