



Charlie Gunning

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PERSONAL

I am a self-driven individual with over 8 years of development experience, leading multiple key business projects throughout my career. I have a logical mindset with a practical approach to problem-solving and a drive to see deliverables through to completion. I am a quick learner, evidenced through my professional experience. Microsoft SQL Server is my area of greatest strength with almost 10 years of experience, but I also self-develop my knowledge of other languages and tools through opportunities both inside and outside of work. I have had experience in many languages throughout my career, including PostgreSQL, C#, HTML, JavaScript, Python and VBA.

EDUCATION, TRAINING & ACHIEVEMENTS

MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MITX)	Jan 2019 – Mar 2019
6.00.1x: Introduction to Computer Science and Programming Using Python	Pass (98%)
INTERNATIONAL SOFTWARE TESTING QUALIFICATIONS BOARD (ISTQB)	Nov 2017 – Nov 2017
ISTQB Certified Tester Foundation Level	Pass
WESTCLIFF HIGH SCHOOL FOR BOYS (SIXTH FORM COLLEGE)	Sep 2001 – Sep 2008
A-Level Geology	B
A-Level Physics	C
10 x GCSE	A* - C
AS-Level Chemistry	B
AS-Level Mathematics	D

ACHIEVEMENTS

- Weekly awards for taking ownership, great communication and supporting other teams in the business.
- Quarterly awards for actively seeking cross-skilling opportunities, instilling a one-team ethos.
- Supporting other functions of the business by running training sessions in SQL, Excel, and Version Control Systems.
- Annual awards for quickly becoming a valued member of the team, taking ownership with self-development, and seeking out opportunities to encourage improvements within the team.

PROFESSIONAL EXPERIENCE

ORACLE RED BULL RACING	Apr 2022 - Present
SQL Database Administrator & Developer	
<ul style="list-style-type: none">- Sole business owner for Red Bull Racing's SQL Server Estate, spanning 80+ instances and 2,000+ databases. Data spanning all business areas, including Trackside, Simulation, Aerodynamics, Powertrains, Marketing, HR, Finance.- Subject-matter-expert on SQL Server for Red Bull Racing. Primary consultant for database design decisions, hosting options for new applications' data, creation of new databases, query performance tuning, replication, migration.- Creating and maintaining administrative solutions for the estate, e.g., maintenance plans, capacity tracking, alerts.- Specifying machine build information for Infrastructure team, installing new instances on virtual/physical machines, including failover cluster instances.- Planning and upgrading SQL Server estate to latest patches and/or migrating instances/databases to newer versions, to ensure the estate remains within Microsoft's long-term support windows.- Providing reporting solutions through Power BI and SSRS. Also maintaining and upgrading the Report Servers.- Leading upgrade and migration work on Red Bull Racing's code store and Application Lifecycle Management (ALM) platform (Azure DevOps Server).- Analysing usage of our SQL Server estate and calculating licensing costs for annual Microsoft True-up submission.- Sole developer of SQLServerMetadata, a self-built discovery tool used to capture the business' SQL estate, including information on machines, instances, and databases. The tool assists with patching requirements, capacity planning at a database-level to track growth, and capturing other information such as business owners and purpose.	

BARCLAYS PLC

Apr 2021 – Apr 2022

SQL Developer

- Co-leading design, implementation and maintenance of the business's project and resource management tool.
- Lead developer on relational database design and future considerations for the above platform.
- Lead developer on merging and reconciliation of data from multiple resource systems.
- Lead developer on migrating the platform from a VBA front-end to a web-based front-end.
- Lead on integration of a Version Control System (Bitbucket) into the team's processes.

WILMINGTON PLC (HEALTHCARE)

Jul 2019 – Mar 2021

SQL Developer

- Co-leading design, implementation, and maintenance of the business's healthcare data platform.
- Supporting the above by using tools and software, including Tableau, Git, GitHub, and Visual Studio Code.
- Sole developer on OAPIUM, a self-built desktop application for managing Okta single sign-on users (using Electron, Chromium, Node.js, HTML/CSS/JavaScript), considerably reducing manual overhead of this process.
- Processing and anonymising sensitive healthcare information, including data from NHS Digital.

SKIPTON BUILDING SOCIETY

Sep 2015 – Apr 2019

Business Intelligence (BI) Specialist

- Designing, implementing, and maintaining the business's Operational Data Store (ODS) and Data Warehouse (DW).
- Creating and maintaining SSIS packages to move data through the above.
- Promoting code through different environments (i.e., Test/UAT/Pre-Production/Production) through Source Control.
- Performing systems testing on solutions and reporting defects through ticketing system (TFS 2012).
- Building reporting solutions using SQL Server Reporting Services (SSRS), Report Builder, SharePoint lists and Excel.

SKIPTON BUILDING SOCIETY

Mar 2015 – Sep 2015

Customer Adviser

TRUSTFORD WILMSLOW

Sep 2014 – Feb 2015

Used Car Sales Executive

LADBROKES PLC

Jul 2008 – Aug 2014

Customer Service Manager

VOLUNTEER EXPERIENCE

GREATER MANCHESTER POLICE – OLDHAM DIVISION

Mar 2011 – Sep 2012

Special Constable

HOBBIES, INTERESTS & REFERENCES

HOBBIES & INTERESTS



Gaming



Driving



Riding



Travelling



Languages

REFERENCES

References are available upon request.