



Charlie Gunning

chas90@gmail.com | +44 (0) 7904 475365

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 – Sep 2025
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.