



# 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. My biggest strength is with Microsoft SQL Server, but I also self-develop my knowledge 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

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

## 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

<b>ORACLE RED BULL RACING</b>	Apr 2022 - Present
SQL Database Administrator & Developer	
<ul style="list-style-type: none"><li>- Sole business owner for Red Bull Racing's SQL Server Estate, spanning 70+ instances and 2,000+ databases. Data spanning all business areas, including Trackside, Simulation, Aerodynamics, Powertrains, Marketing, HR, Finance.</li><li>- 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.</li><li>- Creating and maintaining administrative solutions for the estate, e.g., maintenance plans, capacity tracking, alerts.</li><li>- Specifying machine build information for Infrastructure team, installing new instances on virtual/physical machines, including failover cluster instances.</li><li>- Planning and upgrading SQL Server estate to latest patches and/or migrating instances/databases to newer versions, to keep the estate within Microsoft's long-term support windows.</li><li>- Providing reporting solutions to the business through Power BI and SSRS. Also maintaining and upgrading the Report Servers.</li><li>- Leading upgrade and migration work on Red Bull Racing's code store and Application Lifecycle Management (ALM) platform (Azure DevOps Server).</li><li>- Analysing usage of our SQL Server estate and calculating licensing costs for annual Microsoft True-up submission.</li><li>- 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 captures other business information such as owners and purpose.</li></ul>	

## 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.