Curriculum Vitae – Jon Elsom

Jon Elsom is a Database architect and developer involved the IT industry since 1987. He has extensive knowledge in all aspects of systems development. He has worked in private and public sectors, in small and large teams, from initial inception of projects right through to completion and the delivery of the business benefits. He has, at one time or another, assumed most roles within a development team from architect, technical lead through to systems developer and trainer.
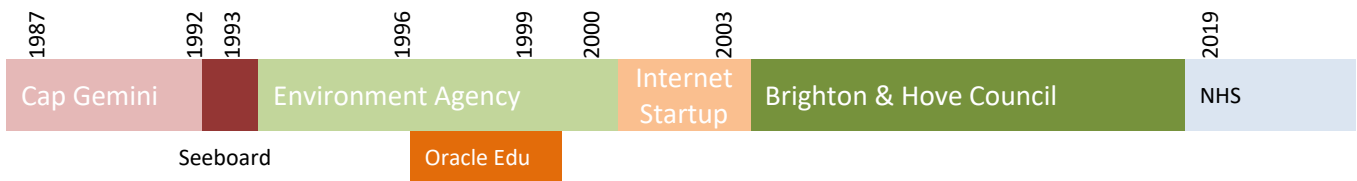
Contact Details and Availability

Telephone:	0785 656 1539	**Nationality:**	British
e-mail:	jon.elsom@awonderfulchoice.com	**Location Pref:**	Brighton, South East, remote working
Availability:	Please contact me to discuss		

Career Summary

1987	1992	1993	1996	1999	2000	2003	2019

Cap Gemini | Seeboard | Environment Agency | Oracle Edu | Internet Startup | Brighton & Hove Council | NHS

Role Summary

Data Architect (5 years)	Technical Lead (10 years)	Data Analyst (10 years)
Trainer (10 years)	Database Designer (10 years)	Developer (30 years)

Technical Experience

Database Products, Tools and Utilities		
Azure Cloud	Logic Apps	Python
SQL Server	T-SQL	SSIS
Oracle RDBMS V5-11G	SQL*Plus	pl/SQL
PostgreSQL	Neo4J	MySQL
Web Services		
SOAP	REST	WSDL
Other Products		
Apache/Tomcat	GIT	Boomi
JUnit	Clearcore	Mulesoft
Methodologies		
SAFe Agile	XP	UML

Experience Summary

Enterprise Data Architect, NHS (Oct 2019 - Present)
- Founded the Sussex Integrated Dataset (SID), a de-identified integrated mesh of healthcare data sources covering the population of Sussex (1.7 million people, 3 billion consultation records).
- Using the SID to answer research questions and apply Machine Learning algorithms to identify health inequalities and service improvements
- Enabled an approach of evidence-based healthcare policy and improvement to be established

Lead Database Developer working for Brighton & Hove City Council (Aug 03 – Jul 2021)
- Developed numerous database packages in SQL, pl/SQL and t-SQL for all aspects of corporate reporting, with output to a wide variety of channels
- Developed a framework in PHP and SQL by which all council bespoke web services are delivered, enabling 1 million+ calls in the first year
- Constructed complex reports and graphics objects using Business Objects, Tableau and PowerBI
- Developed multiple RESTful web services using SOAP and JSON

Senior Developer in Java/JSP/Apache/Cache development for internet start-up (Nov 00 – July 03)
- Extensive experience gained in Java programming, culminating in Sun Programmer Certification
- Experienced in developing numerous JSPs and servlets for use with Tomcat and Apache
- Experience gained in flexible OO design, using basic design patterns and frameworks such as Struts
- Good knowledge gained of XP and Agile

Team Leader implementing various Oracle systems for Environment Agency (Nov 93 - Nov 00)
- Team Leader, reporting direct to Project Boards and National IS Management Teams
- Gained broad knowledge of enterprise database technical directions through strategic consultancy
- Enhanced analysis skills and knowledge of building client server systems
- Experienced gained in shell scripting and application tuning in a client server environment

Part-time Lecturer in Analysis and Design Techniques for Oracle Education (Nov 96 – Nov 99)
- Developed and delivered courses on Business Analysis Techniques and Relational System Design
- Developed excellent presentation and communication skills
- Enhanced negotiation and sales skills in a demanding customer facing rol

Analyst/Designer building a Management Information System for Seeboard (Sep 92 - Nov 93)
- SQL, pl/SQL programming, Unix shell scripting

Team Leader, Cap Gemini, formerly Hoskyns Group plc (Sep 87 – Sep 92)
- SQL, pl/SQL and C programming for Prudential Portfolio Managers

Qualifications

SAFe Agile Practitioner, SUN Programmer Certification for the Java 2 Platform. BSc (Hons) Chemistry (Southampton University) IIii