

Web application developer with experience across multiple environments.

## Current Employment

**2007- present: Web Applications Developer** at Macro 4 Limited.

Responsible for development and maintenance of a 3 tier Web interface for application support tools: dump analysis, program trace, and data editing. Applications are hosted on IBM z/OS, accessed from a browser via Web servers using XML based transactions.

Browser development using JavaScript, HTML, CSS and associated web technologies.

Web server module development in C. Modules hosted in Apache, ISS or IBM httpd on z/OS, Linux and Windows platforms. Responsible for design of XML transactions.

Responsible for some development of backend services, coding in Rexx and BAL (IBM Basic Assembly Language).

Development and maintenance of build and automated test systems. Written in bash and Java, using ant, selenium, makefiles.

## Technical Expertise

Languages	JavaScript, C, BAL, Rexx, bash shell, XML, SQL, Java, HTML, CSS, JSON.
Concepts	Agile, TDD, MVC
Tools	Eclipse, GIMP, SubVersion, git, cygwin. Bugzilla, Ant, make, InstallShield, Firebug, Web Developer, Selenium, Visual C/C++, gcc, xc.
Environments	Apache, ISS, ISPF, Unix Systems Services, DB2, CICS,
Browser development	Internet Explorer, Safari, Chrome, Firefox.
Systems	Linux, z/OS, Windows, Unix

Web application development. Enterprise application development.

Muti-tier, multi-platform environments. Development of build tools.

Competent in many other programming languages, able to pick up new languages easily.

Looking to learn new skills, particularly Python, Scala, D, and mobile application development.

# Previous Employment

2002 – 2007                      Mainframe Applications Developer, Macro 4 PLC

Development of ISPF interface for a z/OS dump analysis suite. Development of test cases using COBOL, C, PL/I and BAL. Development of product configuration tools in Rexx and ISPF. Conversion of ISPF interface code to use XML as data transport to eclectic user interfaces (Web, print, email).

1998 – 2002                      Testing Engineer, Macro 4 PLC

Responsible for pre-release testing of Mainframe and PC based products. Development of test suites and documentation systems.

1991 – 1998                      MVS systems programmer, UK Meteorological Office, Bracknell

Installation, Maintenance and Support of system software running on MVS/ESA, including RACF, TCP/IP, communications, security packages and ISPF/TSO. Programming in JCL, REXX, CLIST and 370 ASSEMBLER. Development and maintenance of in-house written software, including an archive system for scientific data, and an email client for ISPF.

Backup support of UNIX networks. Including problem resolution, system administration and data backup on HP and AIX systems. Programming in UNIX script.

## Education

1988 – 1991 Exeter University

- BSc Honours (III) in Physics

1981 – 1988 Culverhay Comprehensive School, Rush Hill, Bath, Avon

- A- levels: Mathematics (C), Physics (D), Computer Science (B).
- O- levels: English, Maths, Physics, Computer Science, Engineering Drawing, Chemistry with Biology.

## *Leisure Activities*

- Mountain Biking, Football, Morris Dancing, Ballroom Dancing, Conservation Volunteering.

## *Personal*

- Date of Birth: 14th March 1970
- Address: 35 Morton Road, East Grinstead, West Sussex. RH19 4AF
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- Email: [neil@neilhancock.co.uk](mailto:neil@neilhancock.co.uk)
- Full Clean Driving Licence.
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- References upon request.