

# Neil Hancock

**Experienced multi-platform enterprise developer specializing in web applications.**

## Technical Expertise

<i>Languages:</i>	JavaScript, C, BAL, Assembler, bash shell, Rexx, Java. XML, SQL, HTML, CSS, JSON.
<i>Concepts:</i>	Agile, TDD, MVC, HCI, Usability.
<i>Tools:</i>	Eclipse, Visual C/C++, gcc, xc, Ant, make. SubVersion, git, VSS. Selenium, Bugzilla, GIMP, Inkscape, Installshield, Firebug, cygwin.
<i>Environment:</i>	Apache, ISS. Firefox, Internet Explorer, Chrome, Webkit. ISPF, Unix Systems Services, DB2, CICS.
<i>Systems:</i>	Linux, z/OS, Windows, Unix

## Skills

- Web application development.
- Enterprise application development.
- Legacy application modernization.
- Experienced in multi-tier, multi-platform environments.
- Development of build and test tools.
- Usability heuristics in user interfaces.
- Competent in many other programming languages.
- Able to quickly adapt to new languages, software packages and development environments.

## Current Employment

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

Development and last line support 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 a web server module. Responsible for design of User Interface and XML transactions.

User Interface development using JavaScript, HTML, CSS and associated web technologies.

Web server module development in C. Modules hosted in Apache, ISS or IBM httpd. Platform runs on z/OS, Linux and Windows platforms. Transactions between web server and back end is XML.

Responsible for some development of back end services, coded 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.

## Previous Employment

2002 – 2007                    **Mainframe Applications Developer**, Macro 4 PLC

- Development of ISPF interface for a z/OS dump analysis suite.
- Test case maintenance using COBOL, C, PL/I and BAL.
- Product configuration tools in Rexx and ISPF.
- Re factored Rexx ISPF interface code to produce XML output.
- Conversion of ISPF interface 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
- RACF, TCP/IP, communications, security packages and ISPF/TSO.
- Development and maintenance of in-house written software, including the CRACER archive system for scientific data, and an email client for ISPF.
- System administration and data backup on HP and AIX systems.
- Programming in JCL, REXX, CLIST, Shell script, and 370 ASSEMBLER.

## Education

1988 – 1991 Exeter University

- BSc Honours (III) in Physics

1981 – 1988 Culverhay Comprehensive School, Bath.

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

## Personal

- Full Clean Driving Licence.
- British National.

### *Interests*

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

### *Contact Details*

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References upon request.