

Personal Details

Full Name	Craig Darren Mark HENDERSON	E-Mail	cdm.henderson@googlemail.com
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Nationality	British		

I am a successful **Software Development Manager** with strong commercial experience and good interpersonal skills. I have managed teams of up to 15 personnel comprising Technical Team Leaders, Software Engineers and Test Engineers developing large scale distributed applications for Win32, .NET and ASP.NET platforms (.NET 1.x and 2.0). This has included managing the transition from Native Win32 to a .NET environment; mixing the technologies and managing the skill sets of the teams.

I have a proven background in software engineering, requirements analysis and architectural design. I have previously worked as a professional software engineer for over 12 years covering all stages of the software lifecycle from requirements capture and product definition through design, coding, testing, acceptance testing, roll-out, support and maintenance. My software engineering experience includes a number of senior engineer and team leader roles and I have seen many projects delivered successfully to customers.

Key Experience and Skills

- Software Project Management
- Effective Defect Management, including Change Control
- Release/Configuration Management
- Technical Authority
- Software Development; full life cycle, development tools, processes and good practice, continuous improvement
- Co-ordination of multi-discipline and cross-functional teams across multiple geographic sites
- Stakeholder liaison at all stages and at all levels including senior management and executive team
- Man Management; mentoring, career development and planning, staff appraisal and pay reviews

Specialities: distributed systems, client/server architecture, high-performance and reliable software, systems architecture

I like to work in an environment where I can take technical responsibility for the product or component that my team are engineering and work alongside the product management team with the ability to positively influence product features and technology roadmap. I am looking for a responsible management role within a software engineering environment with a technology focussed company.

I hold a 2i BSc(Hons) in Computing for Real Time Systems. I am passionate about software products, research and innovation, and enjoy writing technical articles. I have had success in publishing articles in the C/C++ Users Journal and have proposals accepted for future Dr. Dobb's Journal articles.

Employment History

IRIS Software Ltd January 2007 - PRESENT *Development Manager*

IRIS Software is a *Microsoft Gold Certified Partner* producing software predominantly for the accountancy market. I run the development teams for two IRIS Software product lines – Practice Management and Time & Fees – as well as a wholly owned subsidiary PTP Software Ltd. This team of 10 software engineers is spread across 3 locations in the South of England. The teams use a mix of technologies including C++/Win32, C#/.NET, C++/.NET and VB6. My primary achievements have been the improvement of the software development and release process by introducing a strict change control process, defect management system and project management best practices; integration of the distributed software engineering team; and recruitment of additional software engineers to the PTP Software team to build a strong capability for future product development.

Rockwell-Collins (UK) Ltd January 2005 – January 2007 *Software Development Manager*

Rockwell-Collins (UK) Ltd is an ISO9001-2000 certified wholly owned subsidiary of Rockwell-Collins Inc, a global aviation company. I worked within the eFlight™ business unit (formerly Aviation Information Solutions) focussing on the provision of solutions to airline customers to integrate their onboard aircraft devices with their ground based IT infrastructure. This has traditionally been a text message based system, limited by the communication technology between an aircraft in flight, for which the HERMES™ product provides a message processing and routing function as well as Enterprise Application Integration through industry standard middleware and connectivity technologies such as IBM MQ, MSMQ, FTP, SMTP and X.25.

eFlight™ is an innovative new product providing guaranteed delivery of rich content to aircraft over unreliable data channels. The system manages content delivery to minimise bandwidth and optimise channel use to deliver content quickly using the most cost effective communications channel. During flight, connectivity to the aircraft changes and can be lost altogether, so a complex logic and policy based system has been designed to manage the system efficiently. I was the Software Development Manager responsible for continued HERMES™ development and maintenance, as well as 80% of the software (ground, air and communications) for multi-million dollar eFlight programmes. Legacy applications in the HERMES™ product suite were predominantly written in a C++ with extensive use of COM. All new development work for eFlight™ used C# and .NET 1.1 (Visual Studio 2003), with ASP.NET 2.0

Curriculum Vitae of Craig Darren Mark HENDERSON, Software Development Manager

(Visual Studio 2005) and Javascript/AJAX for web based ground applications under IIS. I grew the development team from just four engineers when I joined to eleven, with further recruitment ongoing. I had line management responsibility including performing appraisals and setting objectives for my direct reports, provided technical leadership and innovation, and responsibility for software estimating and costing, and delivering software on time and on budget.

Orchestria Ltd March 2001 – January 2005 Senior Software Engineer

Orchestria is a software house developing innovative technology that provides real-time visibility and control of electronic communications such as e-mail, the Web and Instant Messaging. This process, known as Electronic Communication Control, analyses the content of communications at the user's machine - or on the server - to protect against unwanted or harmful content penetrating information boundaries. The product is used by major investment banks to ensure the use of e-mail and instant messaging systems complies with strict industry regulations.

I joined the company within six months of its incorporation, and worked on a range of projects. I was involved in the design of many of the product components and was jointly responsible for the graphical user applications for managing the enterprise software system. I was significantly involved in the requirements capture and architectural design of the next generation of audit and review capabilities within the product. Working closely with the Product Management team, I had significant input into the architectural design, liaising with technical staff with specific experience of technology and with middle management on timescales and schedules.

- 1995 – 2001 Software Engineering and Technical Team Lead roles at a number of companies where I built significant technical and business experience.
- 1993 – 1995 Career break to study full time for an undergraduate degree
- 1990 – 1993 IT Skills apprenticeship at British Aerospace (Airbus) Ltd. Employed in Airbus Computing while studying part-time at the University of the West of England (previously Bristol Polytechnic) for an HND in Computer Studies from which I graduated in June 1993.

Education

University

- 1993 - 1995 2i BSc (Honours) Computing for Real Time Systems University of the West of England
- 1993 HND Computer Studies (Part Time) University of the West of England, Bristol (formerly Bristol Polytechnic)
- 1990-1992 HNC Computer Studies (Part Time) Bristol Polytechnic

Secondary Education

The Blue School, Milton Lane, Wells, Somerset

- 1990 GCE 'A' Levels in Computer Studies and Mathematics
- 1988 5 GCSEs including Computer Studies and English Language
- 1987 GCE 'O' Level Mathematics

Publications

More details of my publications, including online references can be found online at <http://www.craighenderson.co.uk>

Managing Software Defects: Defect analysis and traceability, Submitted to Dr Dobbs Journal, 2007

String Concatenation and Template Expressions, 2005, C/C++ Users Journal 23(6)

Optional Storage, 2004, C/C++ Users Journal 22(5)

References

I have an online profile on the professional relationship management web site LinkedIn. My profile can be found at <http://www.linkedin.com/in/craighenderson>. Written references are available on request.