Stuart Rotheram

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Personal statement

I am an applications support engineer for high-end MPU products running Linux or Android with over 19 years experience of creating embedded software (C) and providing customer support throughout the world. Having been recently made redundant due to financial restructuring I am now seeking the right opportunity to bring my extensive knowledge and experience to a suitable environment.

Key Skills

* Creation of embedded C code for Cortex A7, A9 and A15 target boards.
* Excellent customer support skills either via email or on-site visits.
* Strong ability to identify customer’s technical requirements and implement solutions from both a hardware and software perspective.
* Proven ability to introduce new products including bare board bring-up, debug solutions, RTOS porting, compiler/toolchain support and IDE integration.
* Able to provide detailed feedback and recommendations on new product releases.
* Creation and delivery of in-depth technical training courses including hands-on sessions for customers and internal engineers

Employment History

Principal Applications Engineer, Renesas Electronics Europe, Bourne End, Buckinghamshire

(May 2007 – June 2019)

Key responsibilities:

* Technical support for Renesas SuperH and ARM-based MPUs to customers, FAEs and Sales from hardware device information to configuring, building/running Linux/Android BSPs
* Bare board bring up of CortexA9 development boards – porting FreeRTOS and creating sample driver and application software.
* Creation of sample embedded C code for peripheral drivers and sample applications.
* Interfacing with Renesas engineering departments in UK, Vietnam and Japan to provide detailed requirements for customer opportunities, and providing feedback on new product releases, e.g. Linux/Android BSPs, development tools, sample applications.
* Create and deliver training material for both internal and external FAEs and customers
* Create and deliver material for trade shows, e.g. Electronica (Munich), Embedded World (Nuremberg)

Applications Engineer, Green Hills Software, Thame, Oxfordshire

(May 2002 – May 2007)

Key responsibilities:

* Pre/Post Sales Technical support for customers in the UK, Ireland & South Africa on a range of Green Hills Software products including:
  + Green Hills Compilers (C/C++), MULTI IDE, Debuggers for 32/64 bit CPUs
  + INTEGRITY Real-Time Operating System
  + ThreadX Real-Time Operating System
  + Network protocol stacks (TCP/IP, PPP, Webserver, HTML etc.)
  + Hardware debug probes
* Pre-sales customer demonstrations & product presentations/installation
* Customer training & consultancy for GHS products

Education

Doncaster Grammar School

5 GCEs, grade A-C, including Maths, French and English

References

References are available upon request.