

Cedomir Rebic – Curriculum Vitae

Personal

Full name: Cedomir Rebic
Nationalities: British, Serbian
Date of birth: 14/07/1974
Highest Qualification: Msc in Computer Engineering, five years program, average grade 8.19 out of 10

Profile

I am a client facing, highly skilled senior software engineer with 7 years commercial experience in UK and excellent academic background. My core skill is OO and multi-threading software development using C++.

Skills

Programming languages

- C/C++ (11 years), Java (1 year)
- Basic experience in C#, Python, Perl, SQL, Assembler.

Operating systems

- Windows (all versions, 15 years), Linux (basic)
- Symbian (6 years), BREW (1 year), Windows Phone (basic).

Technologies

- Object-oriented, multi-threading, TCP/UDP programming
- Agile Software Development (Scrum approach) method (professionally trained, practiced continuously from February 2009 to September 2011)
- Fault management techniques and tools (Rational Change, Team Track, Bugzilla)
- Embedded/mobile platforms debugging and testing (unit and integration)
- GPRS Core Network PDP contexts, 3GPP specification 24008, VoIP technologies (5 years): ITU-T communication protocols (H.323, RTP/RTCP, Q.931, ASN notations), SIP (Session Initiation Protocol)
- Symbian Telephony and Packet Services (6 years)
- Windows TAPI 3.X, Instant Messaging (IM) Wireless Village Client Server Protocol

Software

- Microsoft Visual C++, Carbide, Codewarrior, Borland GUIs, Sun Java SDK's, RhoMobile
- IBM Rational Synergy, Perforce (P4), Microsoft Visual SourceSafe
- Trace32, FastTrace, Ethereal, Qualcomm eXtensible Diagnostic Monitor (QXDM) and Product Support Tool (QPST)

Career History

October 2011 – March 2012, Accenture UK Ltd
Technology Services and Outsourcing Company

Senior Software Engineer/Tech lead

- I worked as a senior C++ developer and a tech lead (Error/Fault Technical Manager) at a clients site (Nokia) for team of developers responsible for maintenance/error fixing of Symbian Operating System in Telephony and Packet Services domain. As a tech lead I was involved in technical discussions with teams across whole Symbian OS.

February 2009 – September 2011, Nokia UK Ltd

Mobile Phone Manufacturer

Senior Software Engineer/Tech lead

- I worked as a senior C++ developer. I used Agile Software Development (Scrum) method continuously. I was tech lead on SHAI (Hardware Abstraction Interface) project in Telephony and Packet Services domain (I was directly involved in cooperation/technical discussions with external companies ST-Ericsson, Fujitsu, Atelier, QuIC). I worked on dual core platform development and Dual SIM project (I received Official Commendation for work done on this project). I worked as Subsystem Release Engineer (I was responsible for maintenance of team development branch and providing smooth integration from team branch to Master Code Line of Symbian OS).

January 2006 – January 2009, Symbian Software Ltd

Smartphone Software Development Company

Senior Software Developer

- I worked as a senior C++ developer. I developed Client-Server Framework and packet data LTPS component for Symbian OS used in Freescale MXC300-30 3G platform. I was responsible for software architecture, design and implementation. I was technical lead in team of three people. I participated in eleven successful integration camps with Freescale in Toulouse-France and Oulu-Finland. I implemented GPS Positioning System component based on SiRF GPS platform and ported SiRF libraries to Symbian OS as part of consultancy work for SiRF Technology Inc (San Jose, CA, USA).

September 2004 – December 2005, Openwave Systems Ltd

Mobile Software Supplier Company

Software Developer (Contractor)

- I worked as a C++ developer. I developed IM client and socket device layer on BREW platform for Siemens SXG75 handset. I was responsible for software architecture, design and implementation. I was technical lead in team of three people. I was member of the team responsible for integration of software into SXG75 handset at integration camp at Qualcomm Inc, San Diego.

November 2000 – August 2004, Institute of Information Technology “MicronasNIT LLC”

Embedded and VoIP Software Company

Software Developer

- I worked as a C++ developer. I developed SIP terminal/server, H.323 terminal (ITU-T H.323 based), USB H.323 VoIP gateway, Windows TAPI 3.x terminal, H.323 Windows TAPI (TSPI) TSP/MSP pair. I was member of development team that developed (“from scratch”) complete Call Center (ITU-T Q.71 based distributed Call Center with ISDN, H.323 and PSTN support).

Education

MSc in Computer and Electronic Engineering, (five years program, earned in 2001)

University of Novi Sad, Faculty of Technical Sciences, Department of Computer Engineering, Serbia

- Specialized in Computer Engineering (software design, hardware-software integration, and electronic engineering)
- Average mark from all subjects 8.19 (out of 10), top marks in most IT/Computer subjects
- Final Thesis: Communication protocols, VoIP, H.323 – “Realization of speech communication using H.323 protocol on Windows platform”, graduated with top mark (10).
- One school year (2003/2004) I worked as a Teaching Assistant at Computer Networks course at university

Three papers at conferences:

- Best Paper Award as a main author for paper “An Application of Speech Communication Using H.323 Protocol Family on MS-Windows Platform” at XLVII ETRAN conference granted in 2003, Herceg Novi, Montenegro
- “One realization of H.323 gateway”, at 11th TELFOR conference in 2003, Belgrade, Serbia
- “One realization of audio/video communication system for three and more participants”, at 11th TELFOR conference in 2003, Belgrade, Serbia

Publications:

- “An Application of Speech Communication Using H.323 Protocol Family on MS-Windows Platform”, published as a best paper award (mentioned above) in "ETF Journal of Electrical Engineering", A Publication of the EE Department, University of Montenegro, May 2004, Vol. 12, No. 1, YU ISSN 0353-5207, best paper award at conference (mentioned above).

Training

- Python for C++ Programmers, by Nokia UK Ltd, September 2011
- Windows Phone 7, by Nokia UK Ltd, June 2011
- Rational Change, by Nokia UK Ltd, November 2009
- Agile Software Development, by RADTAC Ltd, February 2009
- Advanced C++ Development Techniques, by QA-IQ Ltd, July 2007
- Symbian OS Internals, by Symbian Software Ltd, Jun 2007
- Trace32 for ARM9 ETM Intermediate Level, by Lauterbach Ltd, Dec 2006
- WCDMA Protocol Stack Including SIP and IMS, by Imagicom Ltd, May 2006
- Perforce, by Vaccaperna Systems Ltd, February 2006
- Symbian OS Essential, by Symbian Software Ltd, January 2006
- SWE Project Model Introduction, by Cell Telecom Ltd, January 2006
- BREW Developer, by Qualcomm Inc, September 2004

Interests and hobbies

Current affairs, reading, photography, travelling, playing tennis and basketball

Excellent references available upon request