

Gautam Kotian

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D.O.B. : 15th September 1982

Holder of residence permit for Czech Republic

- Software developer with 8 years of work experience
- Worked across multimedia and networking domains
- Strong command over C & C++
- Working knowledge of Perl, Python and Unix shell scripting
- Good mentoring, team-building and interpersonal skills
- Skilled in public speaking and giving presentations
- Strong commitment to learning

EDUCATION

Degree	Institute	Year of passing	% marks
Bachelor of Engineering (IT)	Manipal Institute of Technology (MAHE University), Manipal, India	2004	80.44
Higher Secondary College	Chowgule college, Margao, India	2000	89.50
High School	St. Joseph's, Margao, India	1998	89.73

WORK EXPERIENCE

Benu Networks - Bangalore, India [Apr 2011 to present]

- Principal Software Engineer in the WLAN Access Gateway (WAG) team.
- Designed the **entire software architecture** for the system and developed the WAG manager.
- Developed for two separate products - service provider Wi-Fi and Managed Home Networking.
- Defined the building blocks to enable authentication, accounting and data flow for upto 1.5 million wireless devices connecting through upto 512000 access points for Wi-Fi offload.
- Dealt with standard protocols such as TCP, UDP, SCTP, ARP, DNS, DHCP, GRE, IRDP & RADIUS.
- Implemented the command line interface for operator interaction.
- Experienced in the usage of both IPv4 and IPv6 addresses.
- Developed the Foreign Agent functionality of the Mobile-IP solution provided by the system.

Motorola - Bangalore, India [Dec 2004 to Dec 2009]

- Senior Software Engineer in the multimedia software development domain.
- Worked on multiple projects of image capture, audio & video for a wide range of products using standard protocols such as RTP, RTCP, SIP, SDP, AMR, MPEG, H.263 for VoIP applications.
- Two **international work assignments** in the USA totalling 10 months (2007 & 2009).
- Hand-picked to be a part of the panic SWAT analysis team to resolve critical phone hang issues.
- Hand-picked for a graphics framework project involving 2G & 3G rendering using OpenVG & OpenGL.
- Awarded a **Bravo** in recognition for adding numerous enhancements to the Multimedia Workbench, a Motorola proprietary tool for debugging multimedia related issues.

Perot Systems (now Dell) - Bangalore, India [Aug 2004 to Nov 2004]

- Recruited as employee via campus placement in University
- Underwent intensive training in C, C++ & UNIX.

TECHNICAL SKILLS

- Primary programming languages – C & C++ (wide-ranging experience including but not limited to : all common abstract data types and data structures, memory pools, shared memory, binary search trees, red-black trees, hash tables, multithreading, socket programming, STL, Boost & C++11)
- Scripting – Perl, Python & Unix shell scripting
- Configuration management systems – Subversion, Clearcase, git
- Build systems – Make, cmake
- Bug tracking systems – ClearDDTS, Bugzilla, JIRA
- Editors/IDEs – Vim (with ctags & cscope plugins), Eclipse, Source Insight, Code::Blocks
- Debuggers – gdb, ddd, in-IDE debuggers
- Graphical frameworks/toolkits – OpenGL, OpenGL-ES, OpenVG, GTK+

AWARDS & RECOGNITIONS

- First place in technical quiz organised by Motorola India [Aug 2007 & Sep 2006]
- Awarded a Bravo, the Motorola appreciation award for exceptional contribution to the Multimedia Workbench - a Motorola proprietary tool [Nov 2005]
- Brainbench certified C programmer [Oct 2004]
- 3rd prize in final year engineering project in University [May 2004]
- Placed 26th in the state of Goa, India in statewide Higher Secondary College exams [Mar 2000]
- Placed 38th in the state of Goa, India in statewide High School exams [Mar 1998]
- Science talent search scholarship awarded by the Government of Goa [1996 - 1997]
- Best student award for 4 consecutive years in High School [1995 - 1998]

LANGUAGE SKILLS

- Fluent in English, intermediate level of German
- Attended a 1 month long intensive German language course at Institut für Internationale Kommunikation (IIK), Bayreuth, Germany [Nov 2010]
- Completed level A2 in German at the Goethe Institut (Max Mueller Bhavan), Bangalore
- Basic knowledge of French and Spanish
- Formally studied French as a third language for 5 years [1996 - 2000]
- Fluent in several Indian languages - Hindi, Kannada, Tulu, Marathi & Konkani

INTERESTS & SOCIAL ACTIVITIES

- 11 months of backpacking-around-the-world covering Thailand, Cambodia, Vietnam, Turkey, United States of America, Ecuador, Colombia, Russia, Germany & Czech Republic [Jan 2010 - Dec 2010]
Travelogues of my trip can be found at <http://www.GoogieGoesGlobal.com>
- 2 tandem skydives [Jul 2010 & Sep 2008]
- Volunteered at Katitawa school for poor children in Ecuador, South America [Apr 2010 - May 2010]
- Campaigned in the anti-corruption movement by Public Affairs Centre, Bangalore [Dec 2009]
- Level 1 Thai yoga masseur (Nuad-Bo-Rarn) in sleep inducing feet, head and face massage [Jun 2009]
- Represented Motorola in inter-corporate soccer tournaments, Bangalore [2005 – 2009]
- Motorcycling from Delhi to Leh [Jul 2007], the Indo-Tibet border [Nov 2008] and Gangotri [Jun 2009]
- Dance performances at Motorola [Jun 2006] & SDIPA, Bangalore [Apr 2009 & Dec 2008]
- Participated in weekend work projects organised by the NGO FSL India, Bangalore [2005 - 2006]
- Head of cultural events at "Revels" - the annual college fest of MIT, Manipal [Mar 2004]
- Conducted advanced C programming class as part of IEEE student branch of MIT, Manipal [Apr 2003]
- Represented the state of Goa in the national integration cum JRC camp, New Delhi [Dec 1995]