Lyubomir Emilov Stankov

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Personal Information

Date of birth: 13.08.1985

Nationality: Bulgarian

Residence: Sofia, Dianabad, Nikola Gabrovski 12

Work Experience

Period: June 2011 – present

Job Title: Software Developer

Main activities: Development of C++ services. Complex NoSQL database solutions.

Company: Vayant Travel Technologies

Business sector: Information Technology and Services

Location: Sofia, Bulgaria

Period: October 2006 – June 2011

Job Title: Software Developer

Main activities: Development of various C++ applications. Database development. Maintaining servers.

Company: Icom ltd.

Business sector: Computer Software

Location: Sofia, Bulgaria

Education

Period:	2010 – 2012
Level:	Master's Degree
Specialization:	Information Technology Services
University:	University of Sofia "St. Kliment Ohridski"
Faculty:	Faculty of Mathematics and Informatics

Period:	2004 - 2010
Level:	Bachelor's Degree
Specialization:	Informatics
University:	University of Sofia "St. Kliment Ohridski"
Faculty:	Faculty of Mathematics and Informatics

Professional Skills

Primary Skills

- Expert level C++ with 7 years of experience
- Excellent skills in concurrent and high-performance programming
- Solid experience with various NoSQL databases
- Proficiency in object-oriented designs and service-oriented architectures
- Fluent English

Additional Skills

- Advanced experience in Client-Server applications
- Good understanding of relational databases with MySQL and MSSQL experience
- Some experience in Java, C# and Python

Work Experience Overview

- **Linux and Windows** – I started my career working under Windows and continued to do so for about 5 years. In the past 2 years I have been working extensively under Linux. I can say with confidence that Linux is the better operating system for developing services while Windows remains very convenient for user interface friendly applications.

- **Development of complex servers** – Throughout most of my career I have been dealing with server side development and doing that performance-critical coding that keeps the whole system going. I have played a key role in the development of both Windows and Linux servers that deal with enormous amounts of data. In such assignments my concurrent programming skills, high-performance proficiency and good understanding of client-server communication have been key virtues.

- **Database development** – Dealing with data often means dealing with databases. Over the years I have gained a lot of experience about database development. Having developed several database centered systems from scratch to fully working products has brought a lot of problems and solutions to my attention. I have learned how to make flexible database designs and applications that fully utilize and optimize both the input and output of databases. I have gained solid experience with a variety of NoSQL databases including MongoDB, CouchBase, Memcached, LevelDB, TokyoCabinet, KyotoCabinet, KyotoTycoon and others.

- **Tools** – There is nothing better than writing code that will do your own work, or that of your colleagues. I have made a huge amount of tools during my career. Some are simple and straight forward, other are more complex, nearing a whole product in capabilities. One thing is for sure, they always end up doing more work than originally planned.

- **Windows Graphical components** – During my Windows programming days I had the opportunity to develop several rather complex graphical components using Windows GDI. One of them was a graphic with the ability to render multiple value and binary lines with independent scales, the ability to hide portions of the graphic, tooltips, zooms and many more features. I have learned many valuable lessons about graphic optimization and smoothing.

- **MFC user interfaces** – The development of user interfaces with and sometimes without MFC was part of my day to day tasks for over 4 years, filling in the gaps between important assignments. I have created hundreds of them in my career so far. There is little that can surprise me in Windows Forms. Fortunately those days are behind me and I can now focus entirely on the business-critical parts of the systems.

Personal Characteristics

- **Good learning capabilities** – I consider myself to be a fast learner. I always keep an open mind about new ideas and alternative solutions and adopt them easily. Seeking out knowledge on my own and trying to keep up with the latest technologies is something I enjoy a lot.

- **Strong coding discipline** – I like my code well structured, with a flexible design and strong justification. I am quite pedantic about consistency and always have a logical pattern which I follow. Even when time is of the essence, or when writing good code is unjustified, I try to keep the code clean to the best of my abilities.

- **Excellent memory** – Being able to selectively memorize vast amounts of significant code while just browsing it has helped me more than once to become proficient in complex projects very fast. Even though it is just bits and pieces of the puzzle, this information has always been invaluable while planning new features and researching issues and sometimes persists for months or even years.

- **Teamwork** – Being quite a positive character, I rarely, if ever, get upset or angered by the world around me. I think that this quality of mine is the reason why I seem to get along with almost anyone. Combining that with the fact that I enjoy teamwork a lot can lead to great results. And I enjoy teamwork because it helps character development like nothing else out there. People share experience, exchange different points of view and solutions, debate on different technologies and over time the individual strengths of each member translate to the rest of the team.

- **Good communication skills** – Although I have always been adept in written communication, that has not always been the case with speaking. Since my first day at work I have put, and will continue to put great effort in improving my verbal communication. There is nothing worse than having a great idea that you cannot explain to anyone. Being able to relay technical solutions even to a non-technical audience is a key virtue. Although I am far from perfect and even shy or uneasy at moments, I believe I have made communication one of my strengths.