# Georgi D. Sotirov's Curriculum Vitae

## Contact Details

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| Name: | Georgi Dimitrov Sotirov |
| Country: | Bulgaria (BG) |
| Current address: | 1715 Sofia Mladost quarter |
| Personal mobile: | +359 88 837 18 17 |
| Email: | [gdsotirov@gmail.com](mailto:gdsotirov@gmail.com) |
| Preferred contact way: | Personal mobile |

## Personal Information

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| Birthday: | 19 October 1979 |
| Birthplace: | Dupnitsa, Bulgaria |
| Preferred employment type: | Full time |
| Driving license: | Yes, active driver |

## Education

### University

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| --- | --- |
| Name: | [New Bulgarian University](https://nbu.bg/en) |
| Department: | [School of Distance, Online and Continuing Education](https://nbu.bg/en/schools/school-of-distance-online-and-continuing-education) |
| Major: | [Business Administration](http://ecatalog.nbu.bg/default.asp?V_Year=2012&PageShow=programpresent&P_Menu=generalinfo&Fac_ID=4&M_PHD=0&P_ID=971&TabIndex=) |
| Degree: | Master of Business Administration (MBA) |
| Location: | Sofia, Bulgaria |
| Period: | October 2012 – November 2017 |

### University

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| --- | --- |
| Name: | [Technical University of Sofia](https://tu-sofia.bg/) |
| Department: | [Faculty of Computer Systems and Control, Department of Computer Systems](https://tu-sofia.bg/faculties/read/27) |
| Major: | [Computer systems and technologies](https://tu-sofia.bg/faculties/read/27) |
| Degree: | Bachelor (BS) |
| Location: | Sofia, Bulgaria |
| Period: | September 1998 – June 2002 |

### High School

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| --- | --- |
| Name: | School of Mechanical and Electrical Technics Acad. [S. P. Korolev](http://en.wikipedia.org/wiki/Sergei_Korolev) |
| Major: | Electric equipment of industrial enterprises |
| Location: | Dupnitsa, Bulgaria |
| Period: | September 1994 – May 1998 |

## Skills

### Programming Languages

AWK, C, C++, Java, JavaScript®, Pascal, Perl, PHP, PL/SQL, Shell

### Markup and Style languages

CSS, Markdown, (X)HTML, XML, XSL, YAML

### Development Environments and Editors

Borland® C++Builder™, Borland® Delphi™, Eclipse, GraphTalk™ Developer, KDevelop, Microsoft® Visual Studio™, Visual Studio™ Code, VIM

### Development Tools

Bugzilla, JIRA

CVS, Subversion, Mercurial (Hg), Git

make, CMake

### Development & Operations

Ansible, Google Cloud SDK, HCL, Terraform

### Data Bases and Modelling

SQL, MySQL, Oracle, Cloud SQL for MySQL

MySQL Workbench, Oracle SQL Developer, PL/SQL Developer

ProxySQL, Cloud SQL Proxy

### Operating Systems

Linux, Unix, Windows

### Virtualization Technology

VMware, qemu, Google Compute Engine

### Communication Interfaces

[DeviceNet™](http://sotirov-bg.net/~gsotirov/glossary.en.html#_blank), SNMP, TCP/IP

### Spoken Languages

Bulgarian, English

## Additional Qualifications

### February 2020 – February 2025

|  |  |
| --- | --- |
| Title: | **LPIC-1: Linux Administrator** |
| Organization: | [Linux Professional Institute](https://www.lpi.org/) |
| Description: | The LPIC-1 will validate the candidate's ability to perform maintenance tasks on the command line, install and configure a computer running Linux and configure basic networking. See [more](https://www.lpi.org/our-certifications/lpic-1-overview). |
| Verification: | [See](http://lpi.org/v/LPI000442041/fzawzmt2mx) |

### December 2019

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| --- | --- |
| Title: | **LE-1: Linux Essentials** |
| Organization: | [Linux Professional Institute](https://www.lpi.org/) |
| Description: | The certificate validates a demonstrated understanding of basic concepts and components of the Linux operating system. See [more](https://www.lpi.org/our-certifications/linux-essentials-overview). |
| Verification: | [See](http://lpi.org/v/LPI000442041/6da6dfnvpc) |

### July 2003 – August 2003

|  |  |
| --- | --- |
| Title: | **GraphTalk and A.I.A Developer** |
| Organization: | [Computer Sciences Corporation](http://www.csc.com/) |
| Description: | The course prepares the students to work with [GraphTalk Developer](http://sotirov-bg.net/~gsotirov/glossary.en.html#_blank) and introduces them in developing [GraphTalk A.I.A](http://sotirov-bg.net/~gsotirov/glossary.en.html#_blank) Application. |

## Employment History

### August 2020 – Present

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| --- | --- |
| Position: | **Systems architect** |
| Organization: | [SiteGround Hosting](https://siteground.com/) |
| Location: | Sofia, Bulgaria |
| Team size: | 5-10 people |
| Duties: | Design and development of cloud systems |

### October 2012 – July 2020

|  |  |
| --- | --- |
| Position: | **Software Development manager** |
| Organization: | [Codix Bulgaria](https://www.codix.eu/en) |
| Location: | Sofia, Bulgaria |
| Team size: | 5-10 people |
| Duties: | Management of development process in the company, definition of rules and procedures, development of internal systems and tools to facilitate development process |

### January 2008 – July 2020

|  |  |
| --- | --- |
| Position: | **Software Development Team Leader** |
| Organization: | [Codix Bulgaria](https://www.codix.eu/en) |
| Location: | Sofia, Bulgaria |
| Team size: | 15-20 people |
| Duties: | Management of a virtual team of developers with specific domain expertise spread in three different geographical locations |

### December 2006 – December 2007

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| --- | --- |
| Position: | **Software Developer** |
| Organization: | [Codix Bulgaria](https://www.codix.eu/en) |
| Location: | Sofia, Bulgaria |
| Team size: | 5-10 people |
| Duties: | Development of *i*MX software in [Pro\*C](https://en.wikipedia.org/wiki/Pro*C) and PL/SQL |

### October 2005 – November 2006

|  |  |
| --- | --- |
| Position: | **Senior Programmer** |
| Organization: | [CSC](http://www.csc.com/) (former OBS [Object Builder Software]) Bulgaria |
| Location: | Sofia, Bulgaria |
| Team size: | 15 people |
| Duties: | Development and coordination of the development of software in the insurance field. |

### July 2003 – September 2005

|  |  |
| --- | --- |
| Position: | **Programmer** |
| Organization: | [CSC](http://www.csc.com/) (former OBS [Object Builder Software]) Bulgaria |
| Location: | Sofia, Bulgaria |
| Team size: | 5-20 people |
| Duties: | Software development in the insurance field. |

### May 2002 – January 2003

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| --- | --- |
| Position: | **C/C++ Programmer** |
| Organization: | [Xpeqt](http://www.xpeqt.com/) |
| Location: | Sofia, Bulgaria |
| Team size: | 5 people |
| Duties: | Designing, coding, testing and documenting of a module (plug-in) to be integrated in software for machine control. The purpose of the module is to communicate with [DeviceNet™](http://sotirov-bg.net/~gsotirov/glossary.en.html#_blank) devices. |
| Reason for leaving: | Stuff cut down due to business stagnation. |

### April 2001 – February 2002

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| Position: | **Technical Collaborator** |
| Organization: | [Bitex.com](http://bitex.com/) (Bulgarian Information Technologies) |
| Location: | Sofia, Bulgaria |
| Team size: | 8 people |
| Duties: | Technical support of the company's clients and writing of Perl scripts for the company's servers. |

### September 2000 – January 2001

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| Position: | **System administrator** |
| Organization: | [Bitex.com](http://bitex.com/) (Bulgarian Information Technologies) |
| Location: | Sofia, Bulgaria |
| Team size: | 5 people |
| Duties: | Administration of Windows computers (PC) and printers on a local network (LAN). |

## Sample Projects

### January 2018 – July 2020

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| --- | --- |
| Name: | **Code Alerts Management System (CAMS)** |
| Description: | CAMS analyzes the logs from software builds and verifications with static analysis system, filters and records all errors and warnings, automatically creates tasks for them and assigns them directly to respective developer based on information from version control system. The system allows for classification and prioritization of problems related to security of the software. The implementation of the system improved the quality of the software and minimized the time for detection of problems in the source and their resolution. |
| Duration: | 2 and half years |
| Technologies used: | Linux, MySQL, PHP, Perl, Subversion |
| Position: | System Architect, Project Manager |
| Team size: | up to 5 people |
| Organization: | [Codix Bulgaria](#Codix_DevM) |
| Organization’s description: | CODIX is the software company behind *i*MX – the event-driven enterprise management system, which is the leading software in industries such as Debt Collection, Commercial Finance, Factoring, Asset-Based Lending and Trade Finance. |

### April 2011 – June 2015

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| Name: | System for Management of Modifications, Patches and Installations (MMPI) |
| Description: | MMPI aims to centralize and streamline the development and delivery processes in the company by providing common environment where developers, software configuration specialists and project managers/coordinators could collaborate. |
| Duration: | 4 years and 3 months |
| Technologies used: | Linux, MySQL, Perl, Subversion |
| Position: | Database Architect, Project Manager |
| Team size: | 5-10 people |
| Organization: | [Codix Bulgaria](#Codix_DevM) |
| Organization’s description: | CODIX is the software company behind *i*MX – the event-driven enterprise management system, which is the leading software in industries such as Debt Collection, Commercial Finance, Factoring, Asset-Based Lending and Trade Finance. |

### June 2002 – September 2002

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| --- | --- |
| Name: | [**EP-12**](http://sotirov-bg.net/~gsotirov/cv/doc/ep12.pdf) |
| Description: | EP-12 is Ellipsometric Porosimeter and has the capability of measuring 200 and 300 mm wafers. |
| Duration: | 4 months |
| Technologies used: | [Ellipsometric Porosimetry](http://sotirov-bg.net/~gsotirov/glossary.en.html#_blank), [DeviceNet™](http://sotirov-bg.net/~gsotirov/glossary.en.html#_blank), C/C++ |
| Position: | C/C++ Programmer |
| Team size: | about 25 people |
| Organization: | [Xpeqt](#Xpeqt) |
| Organization’s description: | The company is a manufacturer of a broad line of testing, handling, characterization and diagnostics equipment for the microelectronics and electronics industry. |

### March 2005 – Present

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| --- | --- |
| Name: | [**SlackPack**](https://sotirov-bg.net/slackpack/) |
| Description: | Software packages for [Slackware Linux](http://slackware.com/) OS and front-end web site |
| Duration: | More than 15 years |
| Technologies used: | Perl, MySQL, (X)HTML, CSS, Shell scripting, VMware, qemu |
| Position: | Database architect, Software Developer and System Administrator |
| Team size: | Single person |
| Organization: | Personal project |

*See also my profiles in* [*GitHub*](https://github.com/gdsotirov)*,* [*Bitbucket*](https://bitbucket.org/gdsotirov)*,* [*SourceForge*](https://sourceforge.net/u/gdsotirov/profile/) *and* [*other personal projects*](http://sotirov-bg.net/~gsotirov/projects/)*.*

## References

**Note**: References are available on request.

Last modification: *2021-01-10*

*Most complete and current version of this document could be found at* [*http://sotirov-bg.net/~gsotirov/cv/*](http://sotirov-bg.net/~gsotirov/cv/)