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# Georgi D. Sotirov's Curriculum Vitae

## Contact Details

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Name: Georgi Dimitrov Sotirov  
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## Personal Information

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Birthday: 19 October 1979  
Preferred employment type: Full time  
Driving license: Yes, active driver  
Ability to travel abroad: Yes, no restrictions

## Education

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### New Bulgarian University (October 2012 – November 2017)

Department: [School of Distance, Online and Continuing Education](#)  
Major: [Business Administration](#)  
Degree: Master of Business Administration (MBA)

### Technical University of Sofia (September 1998 – June 2002)

Department: [Faculty of Computer Systems and Control, Department of Computer Systems](#)  
Major: [Computer systems and technologies](#)  
Degree: Bachelor (BS)

### High School Acad. S. P. Korolev (September 1994 – May 1998)

Major: Electric equipment of industrial enterprises

## Additional Qualifications

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### Professional Cloud Architect (June 2024 – June 2026)

Organization: [Google Cloud](#)  
Verification: [See credential](#)

### LE-1: Linux Essentials (December 2019)

Organization: [Linux Professional Institute](#)  
Verification: [See credential](#)

## Skills

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### Programming Languages

AWK, C, C++, Java, JavaScript®, Pascal, Perl, PHP, PL/SQL, Python, Shell (mainly Bash)

### Markup and Style Languages

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

### Development Environments and Editors

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

SNMP, TCP/IP

## Spoken Languages

Bulgarian, English

## Employment History

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### Systems architect (August 2020 – Present)

Organization: [SiteGround Hosting](#)

Team size: 5-10 people

Duties: Design and development of cloud systems using [Cloud Storage](#), [Compute Engine](#), [Kubernetes Engine](#), [Memorystore](#), [Cloud SQL](#), [Monitoring & Logging](#), [IAM](#), etc. Analysis and improvement of performance, cost optimization.

### Software Development manager (October 2012 – July 2020)

Organization: [Codix 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.

### Software Development Team Leader (January 2008 – July 2020)

Organization: [Codix Bulgaria](#)

Team size: 15-20 people

Duties: Management of a virtual team of developers with specific domain expertise spread in three different geographical locations.

### Software Developer (December 2006 – December 2007)

Organization: [Codix Bulgaria](#)

Team size: 5-10 people

Duties: Development of iMX software in [Pro\\*C](#) and PL/SQL.

### Senior Programmer (October 2005 – November 2006)

Organization: [CSC](#) (former OBS [Object Builder Software]) Bulgaria

Team size: 15 people

Duties: Development and coordination of the development of software in the insurance field.

### **Programmer (July 2003 – September 2005)**

Organization: [CSC](#) (former OBS [Object Builder Software]) Bulgaria

Team size: 5-20 people

Duties: Software development in the insurance field.

### **C/C++ Programmer (May 2002 – January 2003)**

Organization: [Xpeqt](#)

Team size: 5 people

Duties: Designing, coding, testing and documenting of a module (plugin) to be integrated in software for machine control. The purpose of the module is to communicate with [DeviceNet™](#) devices.

Reason for leaving: Stuff cut down due to business stagnation.

### **Technical Collaborator (April 2001 – February 2002)**

Organization: [Bitex.com](#) (Bulgarian Information Technologies)

Team size: 8 people

Duties: Technical support of the company's clients and writing of Perl scripts for the company's servers.

### **System Administrator (September 2000 – January 2001)**

Organization: [Bitex.com](#) (Bulgarian Information Technologies)

Team size: 5 people

Duties: Administration of Windows computers (PC) and printers on a local network (LAN).

## **Sample Projects**

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### **January 2018 – July 2020**

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.

Technologies used: Linux, MySQL, PHP, Perl, Subversion

Position: System Architect, Project Manager

Team size: up to 5 people

Organization: [Codix Bulgaria](#)

Organization's description: CODIX is the software company behind iMX – 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

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.

Technologies used: Linux, MySQL, Perl, Subversion

Position: Database Architect, Project Manager

Team size: 5-10 people

Organization: [Codix Bulgaria](#)

Organization's description: CODIX is the software company behind iMX – 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

Name: [EP-12](#)

Description: EP-12 is Ellipsometric Porosimeter and has the capability of measuring 200 and 300 mm wafers.

Technologies used: [Ellipsometric Porosimetry](#), [DeviceNet™](#), C/C++

Position: C/C++ Programmer

Team size: about 25 people

Organization: [Xpeq](#)

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

Name: [SlackPack](#)

Description: Software packages for [Slackware Linux](#) OS and front-end web site

Technologies used: Perl, MySQL, (X)HTML, CSS, Shell scripting, VMware, qemu

Organization: Personal project

See also my profiles in [GitHub](#), [Bitbucket](#), [SourceForge](#) and [other personal projects](#).

## References

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

*Last modification: 2025-03-17*

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