

Curriculum Vitae



Personal Information

Name

Petar Todorov

Address

Bulgaria, Sofia, "jk.SvTroica", imm.356, en.2, fl.5, app.31

Mobile number

+359 887 573 531

E-mail

ptrtdrv@gmail.com

Site

<http://petar-todorov.com>

Nationality

Bulgarian

Date of birth

07 June 1984

Sex

male

Work experience

Dates (from - to)

2013 March - 2017 January

Position

Full stack developer with C++, PHP, JavaScript

General activities and responsibilities

- **Develop Video Lottery Terminals (VLT) and Casino Management Systems (CMS).**
- **Write high level code for Linux based peripheral devices and server clusters.**
- **Take part in creation and implementation of a software architecture for casino video games.**
- **Develop web interface of VLT system using Yii PHP framework, Javascript and PostgreSQL and then integrate the UI to a server clusters layer with C++ and SOAP messaging protocol.**

Employer's name and address

**Euro Games Technology Ltd, 4 Maritsa Str,
Vrana-Lozen-Triugulnika, Pancharevo Region, 1151 Sofia,
Bulgaria**

Employer's kind of activities

Manufacture video slot games, gaming machines, jackpot systems, electronic roulettes, semi-electronic Blackjack tables, mobile play stations and vast array of casino gaming accessories as well as mobile gaming platforms. A wide range of their products are operated in over 80 countries in Europe, Asia, South and Central America and Africa.

Work experience

Dates (from - to)

2012 January - 2013 March

Position

Full-stack developer with C++, C# and JavaScript

General activities and responsibilities

- Develop video-on-demand and over-the-top Linux based devices and work with media streams.
- Implement bin packing algorithm for sorting of images.
- Do a full-stack development of a monitoring service which collects data from multiple Windows servers. Create and code the software architecture for that service. Develop the user interface with HTML and JavaScript. Create a graphical visualization library with HTML5/canvas.
- Research and develop a life-streaming real-time chat with more than two participants using their web cameras for browsers.

Employer's name and address

"R Consulting Ltd", ul. "Han Omurtag" 50, g.k. Yavorov, Sofia, 1124, Bulgaria

Employer's kind of activities

Software products for telecoms - IPTV, telecom billing systems, CRM systems

Work experience

Dates (from - to)

2010 October - 2011 November

Position

Software engineer with C/C++

General activities and responsibilities

- Write software for embedded systems in automobiles.
- Write software for in-car mobile phones messages accessing applications.
- Support desktop testing tool implemented with C++ STL and MFC.
- Support SQLite database API.

Employer's name and address

"Johnson Controls Automotive Electronics", Technology Center 40, Tzarigradsko Shosse Blvd. Europark Building Sofia, 1784 Bulgaria

Employer's kind of activities

Work experience

Dates (from - to)

2008 October - 2010 September

Position

Junior software engineer with C

General activities and responsibilities

- Elaborate and implement image processing algorithm for mobile phones using mathematical and heuristic approaches. The algorithm drives the camera lenses and find the best focus position.

Employer's name and address

- **Test the software's quality.**

**MM Solutions - ul. "Tintyava" 15-17, 1113 NPZ Dianabad,
Sofia, Bulgaria**

Employer's kind of activities

**Develop software, drivers and imaging algorithms. Develop
camera applications and frameworks.**

Education and Qualifications

Elementary education

1991 -1998

45-ES "Konstantin Velichkov", Sofia

(Elementary school name)

Secondary education

1998-2003

**33-HS "Sv. Sofia"-language high school,
Sofia**

(High school name)

University education

2003-2009

University of Sofia

(Education period)

(University name)

Subject

BSc Engineering Physics

Personal Skills

Mother language

Bulgarian

Self grading
(2 – poor, 6 - brilliant)

Comprehension

Speaking

Other languages
Writing

Listening

Reading

Dialogue

Monologue

English Language

5

5

4

4

4

French Language

3

4

3

3

3

Computer skills (program
languages, platforms,
technologist and tools)

**C / C++, Javascript, HTML5/CSS, SCSS, HTML5-canvas,
Node.js, jQuery, Ajax, REST/SOAP , Adobe Cordova, PHP, Yii,
Git, Linux terminal, SQL/PostgreSQL, MongoDB, C#, OpenAI,
OpenGL**

Awards, certificates and articles

Personal qualities (social, artistic,
organizing skills)

**My passions and motivators are mountain bike riding, hiking,
playing bulgarian traditional flute (Kaval), sound engineering,
playing guitar and electric keyboard, music composition,
software coding, yoga, swimming and trail running.**

Driving license

B , A

Would like to move to another
town or city?

Probably yes. It depends where.