

# Curriculum Vitae

## Personal information

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- **LINKEDIN PROFILE** : [rs.linkedin.com/pub/stefan-lanchushki/38/47/a6b](https://www.linkedin.com/pub/stefan-lanchushki/38/47/a6b)
- **UPWORK PROFILE** : <https://www.upwork.com/fl/stefanlanchushki>
- **PERSONAL WEB** : <http://leadwebtech.com/>



## Education and training

- 2010-2014
- Faculty of Technical Sciences, Novi Sad
- Bachelor degree of Computing and automatics / Applied computers science and software engineering
  
- 2006-2010
- High School Veljko Petrović , Sombor
  - Serbian national coding competition 2008, 2009, 2010, 2011
  - International coding contest USACO (USA), HONI (HR) , ACM International Programming Contest(USA)

Mother tongue(s): Serbian

Other language(s): English

- Reading [excellent]
- Writing [excellent]
- Spoken interaction/production [excellent]

Strong willing to learn new technologies, adapt on new frameworks and working systems and always seeking improvement in every single aspect of career and knowledge.

## Social /Organizational /managerial skills

- Four-year experience in high collaborative teamwork on projecting high quality web products
- Good team communication
- Participated in International courses and workshops in the field of engineering
- Project manager experience in technical engineering projects
- Project team member and assistant in technical engineering projects
- High level adaptation for telework(telecommuting)
- High level professional communication with clients (my primary strength)
- Significant experience in the field of human-computer interaction process (according to world best known HCI principles)
- High level availability for job/working process

- Research Interests:
- Business intelligence
- Organizational attitude
- Empirical studies

## **Computer and technical skills and competencies**

High level computer skills and a strong ability for adaptation in different working conditions and environments, device types and job circumstances.

Ability to work with many modern handheld, desktop and interaction devices.

## **Research interests/competencies/skills:**

Primary : Web development based on PHP, CMS development

- **WordPress(advanced level- themes and plugin development, core tweaking, knowledge of filters and hooks, core hierarchy)**
- **HTML( advanced level),**
- **CSS( advanced level),**
- **Web Security/Cryptography,**
- **E-Commerce(advanced level)**
- **PHP,**
- **MySQL,**
- **User interface design (advanced level),**
- **JavaScript,**
- **jQuery**
- **SEO,**
- **JSP & servlet**
- **Design patterns**
- **Website performance optimization ( advanced )**

*Software development:*

- **C++(procedural and object oriented programming, advanced level)**
- **C(advanced level),**
- **Visual C#(visual programming / .NET applications development , advanced level)**
- **Java environment (Java programming,Eclipse EE, advanced level)**
- **Software Engineering,**
- **Pascal,**
- **Computer security,**
- **SQL,**
- **Image segmentation**
- **Heuristic evaluation,( advanced level)**
- **Cryptography,( advanced level)**
- **HCI ( advanced level)**
- **Adobe design kit,**
- **MySQL,**
- **Software patterns,**
- **Programming languages and data structures,**
- **Computer architecture,**
- **Object oriented programming,**
- **Operating systems-thread based programming,**
- **EJB,**
- **Design patterns**

- **MVC2**

### **Propensities, skills, and competencies regarding art / free time activities**

- Very fond of art, especially creative writing. An active member of the Writers' association of Serbia, and the author of a book collection of short stories "Neotvorena pisma svetu". Participant at the international book fair in Belgrade, Serbia in 2010, and 2011. Multiple awards in the field of literature.
- quizzes and general knowledge

### **Other skills and competencies/personal data**

- communicative, persistent, cooperative, flexible towards work, and working conditions, high degree of availability for working activities, a fast learner, ambitious, fond of oratory and rhetoric
- sometimes lenient towards pessimism
- interested in debug regimes, identifying and removing errors, testing

Driving license : Yes

## ADDITIONAL INFORMATION AND CAREER OVERVIEW

High level knowledge and experience in modern web application and website platforms - CMS :

- Developing custom WordPress based websites.
- Creating websites with PHP, JavaScript, HTML and CSS.
- Customizing WordPress plugins and built new custom plugins.
- Customizing WordPress themes.
- UI design
- Increasing overall security of IT systems and malware removal process for websites.
- Optimization of performances
- SEO basics

Last 4 years, basically i switched from software development to web, since it was challenging in that moment (Faculty course give me just basics of dynamic web and JSP technology).

In that moment i realized i will need to learn by myself basics of modern dynamic web and i started with PHP. Since PHP knowledge requires JS, MySQL and similar, I was working on all fields to spread my knowledge in several ways.

Then I came to WordPress part, where i saw big potential for learning and working.

Beside the fact that in start i summarized all pros and cons of CMS like this, i realized that WP can be just a fundament for doing big things on Internet, by getting known the WP core in every single detail.

Then i started few projects and got first client for who i customized WP in that way, that i made their websites editable just in clicks and Word-like editors.

Last years , i have also made some complex ecommerce applications, with custom database communication and worked on complex API integrations and now my knowledge in PHP, MySQL is on very high level.

I have strong background in web development and experience of successfully designing a websites layout, usability and appearance.

Over the last few years, I've had the opportunity of working for several web design companies, this has given me extensive web designing knowledge and technical skills.

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Throughout my education in the field of software engineering and computer science, I have discovered that the field I find the most interesting is the field of HCI (human-computer interaction). I have developed it as a competency, and I have a great desire and a goal to improve my knowledge and skills in this field. I strongly believe that, in the contemporary world of IT, this area has become a practical necessity, as much as a perspective. However, it is also deficient in our country. The reasons for this are clear: a complex process of software projecting (as well as for any other IT product nowadays) requires a team of people whose competencies should be different, in order for them to be in charge of different parts of the projects and give a fair contribution based on their advanced knowledge and skill sets. At least one of the team members should be competent in the field of communication and interaction between customers and designers. A team fulfilling this criterion would constitute a meaningful unity, ready to deal with the challenges of the fast-paced contemporary world.

As a quality that I possess, I would like to point out my advanced knowledge in the field of the communication with the "users". I have perfected this skill through many projects I conducted.

Customers' satisfaction, speed of the delivery, and the quality of the final product are the three most important requirements that a software, as well as any other product, must fulfill.

I will list the projects I worked on in the above-mentioned field (they can be found at the faculty's archive). Some of them are in the process of update at the moment, because there is a perspective for them to be listed as patents, based on their innovative nature.

**1. "Applications for handheld devices designed for health care " – principles and perspective of the mHealth concept, customers' demands analyses (2013)**

**2. "Heuristic evaluation of user interfaces"(Finalna ocena kvaliteta korisničkih interfejsa sa akcentom na video plejere , 2013)**

**3. "Designing user interface for users with color blindness and special needs"(Projektovanje aplikacija za korisnike sa posebnim potrebama i medicinskim nedostacima (daltonizam) , 2013)**

Apart from the above mentioned projects, at the moment I am working on a project "Design of a "smart" interface for handheld devices", with the basic idea of an automated adaptability of the work environment to the customers with special medical needs (with a stress on older customers).

The thing I would especially like to point out, which is an inevitable result of my interest in the mentioned field, is the area of computer graphics and design. I have an advanced knowledge and experience in Adobe Photoshop work environment, more precisely in raster graphics, as well as a high degree of knowledge in vector graphics manipulation. I have designed advertisements, graphical elements on websites, logos etc. for a number of domestic and foreign institutions. I wanted to improve my knowledge in this area. Therefore I attended open massive online courses of the University of Washington, and Stanford University, and I have dedicated a lot of time practicing my photo processing skills, by generative and cognitive graphics. The project I have completed so far is:

**1. "Fuzzy C-means clustering in CV -Pattern Recognition in Medical Diagnosis"(Primena C-means algoritma klasterizacije u procesu obrade slike sa primenom u medicinske svrhe ,čija je bazična tematika prepoznavanje oblika i računarsko uklanjanje šuma na snimcima sa visokim rizicima od greške , 2013-2014)**

Finally, I would like to point out my competency in Windows user applications design (.NET, C#). As a result, I have completed applications intended for a large number of users. So far I have completed numerous applications for domestic firms, such applications that have fulfilled their purpose and demands, so I would like to continue on this path today and on.