

# Ing. Adam Luptak

Application Developer

## about

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## languages

Slovak - native  
English - advanced

## programming

Java/Java EE  
Android  
Javascript  
CSS & HTML5  
PHP, Matlab

## interests

Object-oriented programming (OOP) develop and design modern web, mobile and desktop applications. Use Agile methodology like SCRUM powered by TDD and CI with Jenkins.

## education

2010–2015 **The Faculty of Electrical Engineering and Informatics.**

The Technical University of Kosice

Master's Degree in Cybernetics and information - control systems

*Field of study:* Developing control algorithms for technological process control, programming Microprocessors, PLC - real time systems, Developing software, drives for PC applications.

2011 - 2013 **Súkromné hudobno dramatické konzervatórium**

Košice, Slovakia

*Field of study:* Music theory, main: instrument Guitar, second: instrument piano.

2006 - 2010 **Gymnázium Exnárová 10**

Košice, Slovakia

*Field of study:* Emphasis of study for school leaving exams: English and Mathematics

2013 **T-Systems Slovakia, Summer University**

Košice, Slovakia

Summer University focus on LINUX OS Certificate

## working experience

2015 - current **Ness KDC**

Software engineer

*Work on Big data processing using java software and deploy on AWS for automotive industry for company called Here. Real agile methodology in practice (SCRUM, TDD, CI, CD)*

2015 - 2016 **T-Systems Slovakia, s.r.o., Košice**

Junior Application Developer

*Develop application in various programming languages like Java, ASP.Net or C# based on requirements of internal or external customers.*

**Projects: RMC - Magyar Telekom**

Java, Spring, Postgress, Microservices

*Java application which provides credit check of a person based on business defined rules.*

**Time Manager**

Android

*Application for monitoring and managing working time, App will monitor when worker come to work and when he leave, application will be connected to rest API on server where can employee check data.*

**Incident admin**

Java/J2EE

*Application based on OSGI back end and Angular js front end, it is admin tool for assign task, monitor remote system etc.*

2012 - 2013	<b>Guitar teacher, Základná umelecká škola Krompachy</b> <i>guitar teacher</i>	Guitar teacher
2011 - 2013	<b>Guitar teacher, SZUS umelecká škola Margecany</b> <i>guitar teacher</i>	Guitar teacher

## computer skills

### **Java/J2EE - advanced**

Spring Boot, Spring MVC Hibernate, Swing, JPA, JSF JSP, JAX-RS, JAX-WS, JDBC etc.

### **Android development - advanced**

Using android studio, genymotion and android emulators, using ORMLite framework, RoboGuice 3, Dagger2, Sugar ORM, REST api

### **Javascript - advanced**

AngularJS, Bower, Grunt, Node.js, jQuery

### **DataBase SQL - advanced**

MYSQL, PostgreSQL, H2, OrientDB - using like App developer

### **enterprise service bus (ESB)**

Mule ESB, Talend ESB

### **C, C++ - advanced - (AVR - platform Arduino)**

programing MCU, I/O

### **Linux - as User**

Basic tasks in LINUX as User as Developer

### **C# .Net**

WF WPF applications

### **Raspberry PI - advanced**

Maintenance LINUX on Rp, installing DB, App Servers etc.

### **PHP - advanced**

Programing web API using SlimFramework, RedBean for php ORM

### **HTML, CSS - advanced**

### **Matlab - basic**

Primary soft on university for simulations and modeling

### **CAD -soft - advanced**

AutoCAD, Google SketchUp, EAGLE, NI Multisim, Ultiboard - making schematics, PCB, drawing projects

## other skills and interests

Won third place in a nationwide scientific competition Scientia Pro Futuro in 2009.

Design and development of hardware and software and management proposal for the regulation and monitoring of temperatures in the technological process of severe plastic deformation.

Development and design of hardware and software automation solutions - web interface for monitoring and control of lighting, water level, current measurement - Intelligent Factory based Raspberry Pi and Arduino platform.

Drawing and design of printed circuit boards in a development environment and NI Multisim Ultiboard.

**Driver's license:** Category B, Slovakia.