

# OLEKSANDR BODNARASHYK

PROGRAMMER, SYSTEMS ANALYST

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## Objective

I'm keen on systems, capable to provide high reliability, availability, and serviceability (RAS).  
Want to be on bleeding edge, apply modern techniques, libraries and frameworks to achieve the best result.  
I'd like to take part in projects, which require strong knowledge of software applications building principles and UI/UX guidelines for handheld devices.

## Personal Data

Name: Oleksandr

Surname: Bodnarashyk

Date of birth: 06/Mar/1982

Age: 38

Languages: Ukrainian, Russian, English

Place of birth: Ukraine

## Skills

### Programming

Produce code of high quality in different programming languages, using vast number of frameworks and libraries where applicable.

### Security

Good knowledge in areas of computer security, networks, distributed systems.

### Project Direction

Proven ability to lead and manage a wide variety of development projects in team and independent situations.

## Technical

Spring Boot / Web / WebFlux

jQuery

Docker / Kubernetes

HTML5 / xHTML

Bootstrap

Java / Kotlin

React / Flux / Redux

Git / Mercurial

Nginx / Apache / Tomcat

AngularJS

PHP

Windows

Cordova / ionic

MySQL

OS X

Symfony2

JS / ECMAScript / Node.js

FreeBSD

CSS2.1 / CSS3

C / C++ / Objective-C

Linux

## Experience

### Freelancer

#### Software Engineer

Developing Web sites and native applications for handheld devices.

Platform: Android, Java, Tomcat, nginx, nodejs.

Language: java/php/mysql/javascript/etc.

February 2014 - Present

## CDAS

June 2009 - February 2014

### Senior Developer, Technical Lead

Developing offportal applications for handheld devices and server interface.

Platform: iOS, J2ME, BlackBerry, Android, JavaSE, Tomcat, nginx.

Language: java/objective-c/php/mysql/etc.

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## CDAS

October 2006 - June 2009

### Software Engineer

Content providing wap sites developing.

Platform: independent.

Language: php/perl/mysql/(x)html/chtml/wml etc.

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## WAP3 LTD

2005-2006

### Software Engineer

Content providing wap sites developing. Responsible for frontend, developing API, new features, statistics gathering and analysis programs, automatic email composition and delivery. Temporary responsible for projects of content department.

Platform: independent.

Language: php/perl/mysql/(x)html/chtml/wml etc.

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## Employer - Businessman

2004-2005

### Software Engineer

Content providing wap sites developing. Responsible for frontend, developing API, new features.

Platform: independent.

Language: php/perl/mysql/(x)html/chtml/wml etc.

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## Freelancer

1999-1999(less than a year)

### Software Engineer

Taking part in developing plugins for video rendering software (Aist MoviePack).

Platform: MS-Windows.

Language: C/C++.

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## Education

### Zhytomyr State Technological University

2003-2004

Master degree in computer science

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### Zhytomyr State Technological University

1999-2003

Bachelor in computer science, Zhytomyr State Technological University

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## Portfolio

### HashTag

Allows early participants to subscribe and be notified about upcoming event.

Implemented markup and functionality (design and gfx was provided by customer).

#### Highlights

- Full Symfony2 application stack
- Admin backend (Sonata Admin bundle)
- Referral system
- Sharing via Facebook
- CSS 3d transformations with graceful degradation for unsupported browsers



### Powerchat - Worldwide Chat

Took part in project as a tech lead. Integrated websockets into application for instant chat.

Implemented protocol on server side. Submitted various fixes.

#### Highlights

- Android
- Client side cache (images, data)
- InApp purchases



## IWD POS System

iPad application to automate credit card information input on sites. (Application logo was provided by customer).



### Highlights

- iOS
- Support for various UniMag magnetic stripe readers
- Automatic scanner activation on pages, marked as containing credit card information form

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## Power Chat VIP

Took part in project as a developer. Area of responsibility: protocol implementation (client and server endpoints), backend core, client model.



### Highlights

- iOS
- Client side cache (images, data)

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## Sparta

Merchandise application to ease and automate their job. Implemented Android application. Implemented most part of server side model and mobile frontend.



### Highlights

- Android/PHP
- Symfony2
- AngularJS
- Client side caching
- Photo capturing
- GPS tracking
- Single page application
- Offline mode support

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## Beyond The Sea

Personal blog. Implemented backend (design and gfx was provided by customer, markup and javascript implemented by other team member).



### Highlights

- Custom blog engine
- Own template engine

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## Secret Altar

Virtual online exhibition. Implemented/composed xml/xsl files and server side transformation (design and gfx was provided by customer).



### Highlights

- Client side XSLT with server side transformation for unsupported browsers
- JavaScript animations (jQuery based)

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## Pukka Names

Lets people to pick up their site name. Implemented markup and functionality (design, gfx and database was provided by customer).



### Highlights

- Ajaxified
- Used jQuery plugins (validation, scroll)
- CSV backed database

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There is a plenty of other projects which are not listed here for various reasons, e.g.

- They duplicate features/functionality of already mentioned
- I've forgotten about them or have no links/code samples
- NDA
- I feel ashamed of them

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## *Summary*

I'm responsible and highly motivated person. I pay a lot of attention to internals of product, not to only look&feel, hope it makes products I've created more robust and stable. I'm a quick learner, so require less time to get into problem and fix it. I like to solve complex issues and happy if I make it in some elegant way. My experience lets me to play different roles in project and gives me understanding of consumers, customers and developers needs.