# Dmytro Chyzhykov
## Software Engineer

Location: Odessa, Ukraine
Email: dmytro.chyzhykov@ffbit.com
Skype: dmytro.chyzhykov
Github: https://github.com/ffbit
Blog: http://ffbit.com/

5 years experience in commercial Java Software development with deep knowledge of OOP and design patterns(GoF), TDD and BDD practices, troubleshooting and easily dealing with human beings.

## Objectives

– Obtain a position of Software Engineer in a product company
– Participate in software design
– Be a part of strong software engineers community
– Have access to customers' feedback
– Became a Software Architect

## Employment Details

### Java Software Engineer, Luxoft (http://www.luxoft.com/); Odessa, Ukraine –  Mar 2012 – April 2013

**Project:** Digital Map Compiler – http://www.nds-association.org/
Development of the digital map conversion platform, that compiles maps suitable for embedded car navigational systems(Navigational Data Standard). Mainly was involved in development of Speech building block which is responsible for text to transcription processing by means of third-party libraries.
**Responsibilities**:
- take part in project's features implementation
- data analysis and technical writing
- troubleshooting and fixing problems (where it's possible)
- optimize SQL queries to decrease map compilation time
- code review, refactoring
**Technologies and tools**: JDBC, JPA 2.0, OSGI, Eclipse RCP, JaxB, Maven, Ant, PostgreSQL, SQLite

### Software Engineer, MLSDev (http://mlsdev.com/); Donetsk, Ukraine – Nov 2011 – Mar 2012

**Responsibilities:**
– take part in projects' design
– develop and test web applications
**Technologies and tools:** Ruby on Rails, JavaScript, Python/Django, Linux, SQLite, MySQL

### Java Lead Developer, CustVox AG (http://www.custvox.com/); Donetsk, Ukraine – Jan 2010 – Oct 2011

**Key achievements:**
Introduced practices:
– Version Control System usage (SVN, Git)
– Unit Test usage (JUnit) and TDD approach
– Apache Maven usage for build and deploy – Continuous Integration usage (Jenkins)
**Project:** Customer Feedback Aggregation tool
A two-part project with full-text search engine and variety web-based presentation and reporting applications. The most popular presentation kind is a cloud of the most valuable words from customers' feedback with additional KPI and query tools.
**Project:** Customer Feedback Management system
A set of related modules for scheduled surveying customers by phone, SMS, email and web channels and further analysing and aggregation of customer feedback.
**Responsibilities:**
– develop design, UI and UX, coding and testing
– gather requirements and prepare estimations
– teach developers and QA engineers
– develop web-services
– legacy code support
**Technologies and tools:** Java, Apache Lucene/Sorl, Hibernate Search, Spring MVC/Security, JavaScript, MySQL, maven, git, Redmine, Jenkins and others

**Responsibilities:**
– develop web sites, design and implement CMS modules
– convert PSD to valid (X)HTML
**Technologies and tools:** PHP, Java, Spring Framework(IoC, MVC), Servlet API, JSP, JDBC, Apache Tiles, Apache Tomcat, XHTML, CSS, JavaScript, jQuery, MySQL

## Key Skills

**Programming languages:** Java, JavaScript, Ruby, Python
**Technologies and frameworks:** Java EE, Spring Framework(IoC, MVC), Servlet API, JSP, JDBC, JPA 2.0 (Hibernate), Hibernate Search, Apache Lucene, Apache Tiles, AJAX, XHTML, CSS, jQuery
**Testing frameworks:** JUnit, Mockito, Cucumber, Rspec
**Tools:** Maven, Jenkins, Redmine
**RDBMS:** PostgreSQL MySQL, SQLite
**VCS:** Git,  Perforce, Mercurial, SVN
**OS:** Linux, MacOS X

## Education Qualifications

Donetsk State Institute of Artificial Intelligence, Ukraine – Master's (Specialist's) degree, Computer Science, 2010

Donetsk State Institute of Artificial Intelligence, Ukraine – Bachelor's degree, Computer Science, 2010

## Certificates

1Z0-899: Java Platform, EE 6 Web Component Developer Oracle Certified Expert, Dec 2011

1Z0-851: Java Standard Edition 6 Programmer Certified Professional Exam, Aug 2011

## Personal Development

Coursera, Functional Programming Principles in Scala, With Distinction, Dec 2012

## Report

Aspect Oriented Approach, Coffee and Code, Donetsk, Ukraine
http://www.slideshare.net/dmytro-chyzhykov/presentation-8525103

## Interests

TDD, BDD, XP, Functional Programming, Scala, Ruby, Mathematics since recently, Algorithms, MapReduce, MongoDB

## Hobbies

Reading, Listening to English and Tech podcasts, Coding for fun