# Mikhail Shaverdo

Software Engineer

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## Skills

- **Primary languages**
  - **GO:** highload, microservices
  - **PHP**: OO-PHP, Symfony, Doctrine, Composer
  - **MySQL**: DB design, query optimization
- **Auxiliary languages:**
  - **Python**
  - **RegExp**
  - **JavaScript**
  - **Xpath**
  - **Bash**
  - **C**
  - **HTML**
  - **CSS**
- **Tools:**
  - **Git**
  - **Mercurial**
  - **JIRA**

# Experience

**Bookie** - Minsk, Belarus                              **12/2012 - 01/2017**
**Lead Developer**

Responsibilities:
- Designing new features and products
- Writing Terms of reference
- Implementing critical parts of projects
- Code reviewing
- Interviewing new employees
- Executing site reliability engineering tasks

Key achievements:
- Designed & implemented mass dispatcher for Sportsbook frontend; improve performance of GO socket.io library (up to 30 times) (**GO, socket.io, microservices, unlimited horizontal scalability, 25k+ clients & 700 Mb/s per physical unit**)
- Written ToR, Designed architecture & DB, implemented back-end backbone for online multiplayer poker, code review (**PHP, node.js, MySQL, symfony, doctrine, socket.io, microservices, horizontal scalability**)
- Designed architecture & DB, implemented back-end backbone for online slot games (**PHP, mysql, symfony, doctrine, microservices**)
- Significantly improved performance of critical sections in Sportsbook project (5x-50x)

**Betting's** - Minsk, Belarus                              **02/2011 - 12/2012**
**Senior PHP Developer**

Responsibilities:
- Development, refactoring & bug fixing
- Deploying product instances
- Code reviewing
- Interviewing new employees

Key achievements:
- Fully implemented odds scraper (DB, design, implementation)
- integrated corporate coding guidelines

**Betting's** - Minsk, Belarus                                    **12/2009 - 02/2011**
**PHP Developer**

Responsibilities:
- Development, refactoring & bug fixing for Sportsbook project (**PHP, MySql, smarty**)

**CIM** - Minsk, Belarus                                          **09/2008 - 12/2009**
**PHP Developer**
Responsibilities:
- Development, refactoring & bug fixing
- developing F-CMS (**PHP, MySql, Smarty**)
- some kind of DevOps

Key achievements:
- designed & implemented internal CRM (**PHP, MySql, Smarty**)

## Education

**Belarusian State University of Informatics and Radioelectronics**
**Computer systems and networks, 2018**