

Timur Tatarshaov

☎ +420 773 234 993 🌐 www.timurtatarshaov.me ✉ tatarshaov@gmail.com

Software Engineer

WORK EXPERIENCE

Red Hat

QUALITY ENGINEER/SOFTWARE ENGINEER November 2015 – June 2016

Software development for the mobile IAS platform <http://www.redhat.com/mobile>. Development of test plans. Implementation of the unit, functional, regression, integration, interoperability, performance and other types of tests. Participation in discussions, quality engineering planning and testing system design. Continius integration system enchancements.

Duties:

- Scrum
- Automated testing
- CI integration of the componenets
- Tests design and implementation, including unit, functional, regression, integration, interoperability, performance tests.

IBM

SOFTWARE ENGINEER September 2015 – November 2015

Design, architecture and development of the internal SOA based tool. Design and documentation of the RESTful service for functional components of the system. Work in a team of 3 developers and one manager with 2 weeks sprints. Reusing legacy modules inside newly developing system with SOA architecture.

Duties:

- Overall design of the internal system.
- Design and implementation of several services for the tool.
- Design of the RESTful API for the services.
- Documentation of the RESTful API(Swagger).
- Design of the data structure.
- Communications with server maintainer in order to provide proper structure and deploy of the project on the server.
- Foreseen future of the system development.
- Implementation of the proper run, deploy and running live actions for system.

CTU studies: diploma in Software Engineering in Web

DIPLOMA THESIS 2015 – February 2016

Design and implementation of mobile iOS application that stores points of interests to a Java Spring RESTful based server backend. Single points of interests are shared among users. Development of server backend that implements RESTful service for mobile app. Mobile application is in Swift language with Objective-C parts. Backend service is Java Spring REST

AREAS OF EXPERTISE

Software design

RESTful API

SQL database design

NoSQL databases

Graph databases

Docker

Microservices

Web development

Mobile development

PERSONAL SKILLS

Problem solving

Product oriented

Communication

Learning fast

Focused

LANGUAGES

English: Upper intermediate

Russian: Native

Czech: Elementary

PERSONAL DETAILS

Location: Prague, Czech Republic; Nizhniy Novgorod, Russian Federation

Phone: +420 773 234 993
Email: tatarshaov@gmail.com
Website:
www.timurtatarshaov.me

Date of birth: 30 of November
1988 yr.
Driving license: Yes
Citizenship: Russian Federation

application, that utilizes MongoDB as a storage and Spring Data as abstraction layer. Authentication and authorization my means of Spring Security with MongoDB as persistent storage.

Duties:

- Development of respective backend using Java and Spring Framework including Spring MVC, Spring Data, Spring Security.
- Design and development of the respective mobile client application for iOS in Swift.
- Providing unit tests for REST server backend.
- Development of user test cases.
- Analysis of possible technology stacks. Choice of optimal technologies.
- Development of security mechanisms.
- MongoDB as a data storage for the Point of interest and user data.
- Containerization of the backend with Docker.
- Realization and automation of build and deploy processes.

ME Technologies

SOFTWARE DEVELOPER 2013 – 2013

Working with manager and product owner to capture project of livechat for third-party websites requirements. Design and development of corresponding system. Optimization of existing modules and prototype.

Duties:

- MongoDB database design and development.
- Respective MongoDB queries development and optimization of existing queries of prototype.
- Development of respective Node.js modules
- Redesign of system functioning processes.
- Socket.io utilization for client-server communications.
- Maintain security of the system.

Digital marketing agency – Apnet LLC

SOFTWARE DEVELOPER 2011 – 2013 (2 years 4 months)

Working with designers, Fornt End, content managers and project managers staff to capture requirements of client – Intel's department in Russian Federation: <https://ru.intel.com> and <https://edugalaxy.intel.ru> Implementation of new projects and support of existing projects.

Duties:

- Maintain security of the websites from threats.
- Providing security audits.
- Development of project and modules structure.
- OOP design of the projects and modules.
- MySQL database design of the website and modules.
- Implementation of the projects and modules in PHP and MySQL.
- SQL queries analysis and optimizatio.
- Support of the project website.
- Coding UI enchancements and functinal solutions in JavaScript.
- Design of the functional modules for educational protal

<http://edugalaxy.intel.ru> and independent events.

- Optimization of work processes.

Web Design Company – Morizo

SOFTWARE DEVELOPER 2009 – 2010 (1 year 4 months)

Working with designers, Front End and project managers staff to capture requirements of clients – owners of local and country-wide businesses to represent their presence on the web by means of PHP CMS. Categories are e-commerce, promo, company sites. Implementation of confirmed projects and support of existing projects.

Duties:

- Development of required modules for existing CMS in PHP.
- Customization of existing modules according to clients requirements.
- Coding of the UI enhancements in JavaScript.
- Transfer of existing projects of the clients.
- Automatization of the huge data transferring.
- Automatization of routine processes using Bash and other tools.
- Solving legacy problems.
- Working with backups.
- Maintain security of the websites.

Freelance

SOFTWARE DEVELOPER

Development of the project requirements with clients. Implementation of the projects. Responsible time and task management. Providing feedback and support of the product later on.

Duties:

- Design and implementation of the system of fetching and storage weather-related data. Includes MySQL database design, OOP design, scheme of deployment and further functional cycle.
- Design and implementation of the websystem for collecting data about level of education of graduates. Includes MySQL database design, interface design, OOP design, functional design.

KEY SKILLS AND COMPETENCIES

- Able to clearly communicate technical data to non technical colleagues and clients.
- Proactive. Creative.
- Not stuck in one technology stack.
- Continuously monitoring industry trends, technologies and standards.
- Solid web development experience using OOP, MVC, Java, Python, PHP, Node.js, AJAX, MySQL, MongoDB.
- Software development in C#, Swift, Objective-C, Java, Python

OTHER PROJECTS

Conference «My direction to new school»

<http://edugalaxy.intel.ru/conf/>

Project pointed to support Intel's conference. System contains full circle of abilities for creating activities, making appointments, user registration and participation, media library. Also system contains rating, inner mail and another accompany functionality.

June 2012

Site52

<http://site52.ru/>

Design of the website-catalog of the local e-commerce websites. Includes MySQL database design, OOP design. Support and maintenance, content enhancement, security. Features implementation in PHP. Interface enhancements and functional featuring in JavaScript. Monthly analytics reports and support.

19 March 2007 – April 2013 (5 yrs. 1 month)

MOBILE PROJECTS

Pro Places

<https://itunes.apple.com/us/app/pro-places/id948166579>

Sources: <https://github.com/famer/Pro-Places>

iOS application in Swift language. Lets to store, share and easily navigate to your favorite locations. Places is a brilliant navigation tool that lets you navigate to your places easily for everyone.

Spotty Finder

<https://itunes.apple.com/us/app/spotty-finder/id867263619>

iOS application in Objective-C. Want to know where is your child? Just ask her to send their location to you! Did you ever try to find a nice camping place that you had visited a previous year? Did you have trouble finding your car in a big parking lot? Buried the body of your enemy and forgot something in the grave? Want to visit that bar again but forget the name or address? Don't know where is exit from forest or park you are walking in? Kidnapped? Send your location to relatives to get help. Want to visit place where photo is taken? It's not a problem any more! Just save the place you'd love to revisit in Spotty finder. When you want to return just open the app again and the arrow will point you in the direction with the distance. Perfect for when you don't have internet connection or you're out of the civilization. Internet connection is not required.

Folder Note

<https://itunes.apple.com/us/app/folder-note/id961868178>

iOS utility application in Swift language. Have you ever organized apps in the folders? If yes you probably require some annotation for them. Be more productive and organize your apps data. Folder Note allows you to make short visible annotations related to folder content.

Auto Finder

<https://www.microsoft.com/en-us/store/apps/auto-finder/9nblggh0fkmf>

Sources: <https://github.com/famer/auto-finder>

Windows Phone 7-8 application in C#. This application allows you to find your car on parking lot, escape from trip or any other place that you marked. Pointer will lead you to your destination. You can easily find your friends anywhere by using a function of position sending. Device doesn't need internet connection to run this app. New version adds to you ability to view the map for better orientation. With History of placemarks now! You are able to switch to metric system in new version(just tap the "distance" box on navigation page or explore settings page under a question mark). You have an ability to rename

your places now!

Мега Поиск

<https://www.microsoft.com/ru-ru/store/apps/Мега-поиск/9nblgggzkdwf>

Same as above, but for Russian market.

ACADEMIC QUALIFICATIONS

Master's degree Software Engineering in Web

Czech Technical University in Prague 2016

Master's degree Web Software Development

Nizhny Novgorod State Technical University 2012

Bachelor's degree Web Software Development

Nizhny Novgorod State Technical University 2010