Timur Tatarshaov

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Software Engineer

PERSONAL SUMMARY

Keen about web technologies, backends and mobile application development. A highly resourceful, innovative, and competent software developer. Possessing considerable knowledge of the development of applications and scripts using Java, Swift, Objective-C, Node.js, Python and PHP programming languages and MongoDB, MySQL & SQL Server databases along with experience with PostgreSQL. Experienced in developing applications and solutions for a wide range of corporate, charity and public sector clients and having the enthusiasm and ambition to complete projects to the highest standard.
Keen in solving problems with right tools.

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

AREAS OF EXPERTISE

Software design

RESTful API

SQL database design

Client facing skills

NoSQL databases

Graph databases

Containerization

Microservices

Web development

Mobile development

PERSONAL SKILLS

Problem solving

Product oriented

Communication

Learning fast

Ability to grasp concepts quickly

Focused

LANGUAGES

English: Upper intermediate

Russian: Native

Czech: Elementary

PERSONAL DETAILS

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

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Email: tatarshaov@gmail.com
Website: www.timurtatarshaov.me

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

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.

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

WORK EXPERIENCE

Red Hat
QUALITY ENGINEER   November 2015 – Now

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:
- Test plan development.
- Tests design and implementation, including unit, functional, regression, integration, interoperability, performance tests.
- CI integration of the componenets

CTU studies: dimploma in Software Engineering in Web
DIPLOMA THESIS   2015

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 serivice is Java Spring REST application, that utilizes MongoDB as a storage and Spring Data as abstraction layer. Authenication 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 developement.
- 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. Implementation of confirmed projects also 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, Fornt End and project managers staff to capture requirements of clients — oweners 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 enchancements in JavaScript.
- Transfer of existing projects of the clients.
- Automatization of the huge data transferring.
- Automatization of rutine 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 agreed 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 deisgn, 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.
- Design of the website-catalog of the local e-commerce websites. Includes MySQL database design, OOP design. Support and maintenace, content enchancement, security. Features implementation in PHP. Interface enchancements and functional featuring in JavaScript. Monthly analytics reports. Time span: 19 March 2007 – April 2013 (5 yrs. 1 month).

KEY SKILLS AND COMPETENCIES

- Able to clearly communicate technical data to non technical colleagues and clients.
- Proactive. Creative.
- Ability to maintain calm under pressure.
- Able to analyze problems from different points of view.
- Not stuck in one technology stack.
- Continuously monitoring industry trends, technologies and standards.
- A methodical and structured approach to problem solving.
- Excellent attention to detail and things that would matter later on in advance.
- Solid web development experience using OOP, MVC, Java, Python, PHP, Node.js, AJAX, MySQL, MongoDB, JavaScript, XML, HTML and CSS.
- Software development in C#, Swift, Objective-C, Java

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