Leo Taydakov

Phone: (805) 418-0316
E-mail: leo.taydakov@gmail.com
Work authorization: Green Card
Website: http://taydakov.com/

UI SOFTWARE DEVELOPER

Customer-centric with a big love for collaboration, learning, solving hard real problems
and creating quality product

SUMMARY:

- 5+ years of software development experience working with web, desktop, mobile and embedded technologies

- Aim to produce a well tested, documented, and efficient codebase but also understand reality of working under tight deadlines and prioritizing work accordingly

- Have a degree with honors in Electrical Engineering and completed several online Data Science courses from Stanford and Johns Hopkins University

SKILLS:

- Languages: JavaScript, ES6, NodeJS, HTML5, CSS3, SQL, Android/Java, PHP, Python, R, C, C++, C#

- Frameworks: React/Redux, React Native, AngularJS, ExpressJS, Bootstrap

- Tools: Git, Docker, Webpack, ESLint, Babel, Mocha/Chai, Grunt, Bower, NewRelic, Vagrant

- Databases: MySQL, MongoDB, MSSQL, Oracle

- Others: AWS, Nginx, Apache, IIS, Selenium RC

EXPERIENCE:

10/2015 – 09/2016 **Web/Android Developer** at **One University Network, LLC**
and **Android/AWS Developer-Contractor**
San Francisco, CA

- Developed a ReactJS/Redux chat web application that allowed external students of our platform communicate with the internal team of coaches; I used Twilio IP Messaging

- Set up web team's technology stack as ReactJS/Redux/Webpack/ES6/Babel/ESLint early on based on business requirements from the management team; the chosen technologies proved to deliver a high-quality product
- Fixed significant delays during Android app opening by pinpointing its source in Twilio SDK, and then working closely with Twilio IP Messaging team to achieve results
- Worked with Android team on developing our main Android application, I contributed to video playback, messaging, sharing, etc.
- Implemented images and video uploading/downloading logic to AWS S3 in Android app using AWS pre-signed URLs for PUT and GET requests

11/2014 – 10/2015   Web Developer at VIXLET CA LLC
and Web Developer-Contractor
Los Angeles, CA

- Worked in a web team under Agile methodology with Scrum and Kanban processes with daily standups, two-week sprints, transparency, accountability and fast iterations
- Created internally used webapp for managing users, used Bootstrap, ReactJS for frontend and NodeJS, ExpressJS for implementing API. Used OAuth authentication and MongoDB to store data
- Using SCSS and Scalable and Maintainable CSS approach to work with stylesheets and isomorphic JavaScript framework EsteJS with Director routing and ImmutableJS data structures to create Single Page Applications
- Analyzed data in order to understand user dynamics (conversion and retention) and user demographics using MapReduce in MongoDB. Found security issues during analyzing data storage and reported about them
- Used Sublime Text and Ubuntu operating system as a developing environment. For version control Git was used, hosted in the cloud

11/2013 – 11/2014   Web Developer-Contractor at Elisa Ltd. and AP GLOBAL
Los Angeles, CA

- Implemented single page web application using MVC framework AngularJS and web technologies HTML5, CSS3, JavaScript. This application is used for management internal operations. Used jQuery for making DOM-elements' manipulation and animation and performing HTTP requests from browser easier

- Developed backend using Node.js and Nginx as front-end proxy. Data stored in MongoDB database

- Developed web enterprise management system that allowed control quality of end-product (via its history), workload of employees (and then pay relevant salary) and simplify storage management

- Worked on .NET application that handled orders from Amazon using Amazon API and other big online retailers. Created several modules for OpenCart CMS displaying banners and created backend admin interface for them. Supported e-commerce website based on OpenCart CMS including handling troubles with payment, e-mail notification

05/2008 – 11/2013   **Software Developer** at **Elisa Ltd.**
                                    and **Web Developer-Contractor**
                                    Moscow, Russia

- Designed complete software architecture and communication protocols, creating stable software and allowing easier development going forward. Used agile-methodology to developing management system that allowed release working version each two weeks and thus customer could easily control developing process. Developed personal computer communication service with our device's built-in computer by means of TCP and UDP network protocols, and also by USB serial port, allowed our company to help customers solve problems without physical access to their computer. This also allowed to gather customer data on how our device is being used, that will significantly improved the interface, ergonomics and performance of the instrument, and improved the competitiveness of the product

- Created microcontroller systems debugger with support of ECMA scripting language allowed us to debug the device at a new sophisticated level, using modern methods of data processing and visualization. Organized jump to new architecture of microprocessors that allowed reductions in cost, size, weight and power consumption. This led to the next generation of the device. Invented detection algorithm of available connections on networks (UDP protocol) and USB ports that allowed us to significantly increase the search capabilities of available devices and connect to them

- Made a Yii framework based management system for school extra-budgetary funds that allowed simplify accounting and made possible the remote customer service. Developed CMS Drupal based system of reception of accounts from medical establishments to an insurance assistance company. Created a CMS Drupal based school website. Developed application for physical processes modeling on Delphi. Developed images recognition algorithms using neural networks

RELEVANT COURSES AND CERTIFICATES:

- Algorithmic Toolbox, UC San Diego online, 2016

- Exploratory Data Analysis, Johns Hopkins University online, 2014

- Getting and Cleaning Data, Johns Hopkins University online, 2014

- The Data Scientist's toolbox, Johns Hopkins University online, 2014

- R Programming, Johns Hopkins University online, 2014

- Machine Learning, Stanford online, 2013

EDUCATION:

M.S. in Electrical Engineering from the University of Moscow, Russia in 2013 with GPA 3.7 (diploma with honors), full name of the university is National Research Nuclear University Moscow Engineering Physics Institute