

ALEKSANDR NIKITIN

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OVERVIEW

My name is Alex Nikitin. I'm a professional full-stack engineer in the field related to web and various online services. I live in Los Angeles, South California, US. I have work experience as a senior/lead full-stack programmer/software architect for 11+ years (Data Analysis, PHP, Postgres/MySQL, Apache, Nginx, REST API, HTML5/CSS/JavaScript, various Amazon Cloud Tools, Docker, Microservices, Strong in Linux Environment).

I have two masters' degrees: Master in Information Technology at Clark University and Master's degree in "Program Engineering: Security and Data Protection".

Please see my work experience and skill overview below.

WORK EXPERIENCE

Senior Analytics Software Engineer, "SPINS" LLC, CA, USA

[July 2015 – present]

- Developing client-server software, primarily using LAMP Stack on top of Amazon Web Services (AWS) Cloud solutions (Apache, Mysql, PHP)
- Leading development of Internal CMS/CRM tool serving 2500+ clients and 8000+ users
- Guided and mentored side projects development among developers so they work independently
- Designed, developed and integrated oauth2.0 and SSO/SAML in-house framework for other applications to be able to use users and clients main data
- Architected, designed, developed and integrated application tracking system, which handles up to 15 millions tracking events per day, converts into data metrics and runs realtime reporting among 15-17 billions of data entries for the past year or two.
- Continuously worked on database tables and related structures optimizations
- Worked as part and mentored data integration teams and tasks, analysis and approaches
- Created various microservices tasks, events driven system
- Helped and guided on certain devops practices and operations among various projects, consulting regarding best practices and approaches
- Handled numerous amount of code and pull requests reviews among different projects
- Did various performance audit and provided guidance and possible resolution of the system bottlenecks
- Managed to deliver various of MVPs
- Delivered various of automated reports
- Setup and supported various of monitoring tools using CloudWatch, logging, Emails notifications and more

Programmer, company "DevTaim" LLC, Russia

[Jul 2016 – Dec 2017] and [Mar 2018 – Nov 2019]

- Created solutions that covered the entire lifecycle of information utilization, from ideation through implementation
- Created user information solutions by developing, implementing, and maintaining Java based components and interfaces
- Built the tools that aggregate, interpret, and visualize data generated by our software solutions
- Defined objectives by analyzing user requirements
- Envisioned system features and functionality to integrate applications by designing database architecture and server scripting
- Completed applications development by coordinating requirements, schedules, and activities
- Contributed to team meetings, troubleshoot development, and production problems across multiple environments and operating platforms. Contributed to all phases of the development lifecycle
- Contributed to building a better infrastructure through application testing. Explored opportunities to add value to job accomplishments

Programmer, company "SafeSoft Solutions" INC, CA, USA

[March 2015 – July 2015]

- Worked with REST API of company web services, including PHP and Symphony 2
- Improved general security of company web services
- Reviewed all of the company web services in terms of security of web interface
- Developed front-end and back-end of the company systems, utilizing PHP, JavaScript, AngularJS REST API, and HTML 4/5

- Developed mobile application for supporting company services, including Codova, PhoneGap, Ionic, and Android/iOS applications
- Performed Quality Assurance for existing services
- Improved company web services, using JQuery, MySQL, and CSS

Programmer, company “Digital Money Corp.”, CA, USA [January 2015 – March 2015]

- Created Network Identification System and its website, including an Android Application
- Developed front-end, back-end, and database of the Network Identification System, utilizing PHP, MySQL, Apache, MVC pattern, CSS3, HTML 4/5, JavaScript, and jQuery
- Created server infrastructure in VMware ESXi environment

Programmer, company “658” LTD, CA, USA [March 2014 – January 2015]

- Developed architecture of the web-system for Artists Union (PHP, MySQL, Apache, MVC pattern)
- Developed front-end, back-end and database of the system (CSS3, HTML4/5, JavaScript, jQuery)
- Set the web-system in the Amazon Cloud infrastructure (EC2, S3 Storage, RDS, and others)
- Rebuilt additional services, such as links shortener, mobile HTML5 app development
- Improved existed company’s web-services

EDUCATION

Clark University Worcester, MA, USA [December 2013]

Master of Science in Information Technology; GPA: 3.92

South Ural State University Chelyabinsk city, Russia [June 2013]

Master’s degree with honors in Program Engineering: Security and Data Protection; GPA: 3.9

South Ural State University Chelyabinsk city, Russia [June 2011]

Bachelor in Engineering and Technology; GPA: 3.7

SKILLS

- Docker, microservices, Kubernetes, minikube
- CI/CD pipelines, DevOps practices and philosophy
- Programmatic languages, including AngularJS , JQuery, AJAX, HTML4/5, CSS3, JavaScript, Python, JSON, and XML
- Data mining and websites scraping and automated testing using puppeteer, phantom.js, jenkins
- LAMP Stack programmatic technologies, including Linux, Apache, MySQL, and PHP
- MVC pattern, RESTful API, JSON, XML, Authorize.net API, Mandrill App API, PhoneGap/Cordova, Google Analytics API, Google Maps API, Google Locator API
- Geospatial/GIS application development, including ArcGIS / ESRI JS Maps, CartoDB, Mapbox, SmartyStreets, and GoogleMaps API, experience with large data sets, including MapReduce framework
- experience extracting data from multiple structured and unstructured files by building and maintaining scalable ETL pipelines on distributed software systems, experience with Shell script/Python, server-side image processing, geospatial data editing, and Web Service Architecture
- C#, C/C++, SQL, ActionScript 3.0, Delphi 7, Matlab
- Linux Server (Debian/Ubuntu/Centos), Linux CLI, Amazon Cloud (EC2, S3 Storage, RDS, and others)
- Programming of Microcontrollers (Atmega series) and Microcomputers (Raspberry PI)
- Windows Server 2003/2008; Windows XP/7/8; MS Office XP/2003/2007/2010; AutoCAD 2007
- Experience with Wordpress, Joomla
- Understanding stack of protocols TCP/IP and OSI model

I speak in two languages: English (excellent) and Russian (as my native language)