

ALEX NIKITIN

Phone: (805) 304 8922 | Email: alex@nikitin.ninja or alex.nikitin.2015@gmail.com
www.linkedin.com/in/alex-nikitin-ninja/ | web: alex.nikitin.ninja | Location: Austin, TX USA

OVERVIEW

My name is Alex Nikitin. I'm doing systems and software development from scratch as well as working with existing legacy systems.

As a professional full-stack engineer in the field related to web and various online services I've been working as a lead/senior full-stack engineer/software architect for 12+ years (Data Analysis, Python from 2.7 till modern 3.11/3.12, PHP, Postgres/MySQL/MSSQL, 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 Software Engineer (Full-Stack), TeleSign LLC, CA, USA

[Oct 2021 – present]

- Working on supporting existing legacy and newer systems and developing new features (10k+ customers, 100k+ users)
- Working on security issues and fixing vulnerabilities
- Working on DB updates, DB migration scripts, working on stored procedures, reporting review and updates
- Developing and supporting company's API authentication libraries and services (self-hosted and cloud based)
- Working with AWS subsystems integration, configuration, connection and others
- Working on projects dockerizing and making them containers friendly
- Participating in code reviews, and cross teams interactions, Portals/CMS development and integration
- Acting as team lead and dev lead in certain areas
- Helping project owners and managers to handle project planning, development and roadmap
- Gathering requirements inside the company across other teams and departments as well as external partners
- Participating in candidates interview process, also mentoring intern candidates
- Handling full-cycle projects release including architectural, security, dev and ops reviews, setup processes
- Helping and guiding on certain dev and operations practices among various projects, consulting regarding best practices and approaches
- Used languages and tech stack: Docker, Microservices, Harbor, CI/CD, Jenkins, Python (2.7, 3.6, 3.8, 3.11), Django, FastAPI, RESTful API, RPC/gRPC, API First, Javascript, ReactJS, CSS, SASS, Jira, Salesforce, Confluence, MFA/2FA, SSO/SAML, OAuth2.0, OpenID, MSSQL, MySQL, SQL, Linux, bash/shell, GIT, Postgres, Elasticache, networking, (Go/Goland), AWS, ECR/ECS, SAML, RDS, ETL, Lambda, Load balancing, SNS, SQS, others

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

[Jul 2015 – Jul 2016] and [Nov 2019 – Oct 2021]

- Led 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 metadata
- Developed client-server software, primarily using LAMP Stack on top of Amazon Web Services (AWS) Cloud solutions (Apache, Mysql, PHP)
- 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 two years.
- 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 system monitoring and observability using CloudWatch, logging, Emails notifications and more

Programmer, company “DevTaim” LLC **[Jul 2016 – Nov 2019]**

- Created solutions that covered the entire lifecycle of information utilization, from ideation through implementation
- Built the tools that aggregate, interpret, and visualize data generated by software solutions
- 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
- Developed front-end and back-end of the company systems PHP, JavaScript, AngularJS REST API, HTML 4/5
- Developed mobile application for supporting company services – Cordova/PhoneGap/Ionic, and Android/iOS applications

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

- Created Network Identification System and its website, including Android Application
- Architected and developed the Network Identification System, utilizing PHP, MySQL, Apache, MVC, CSS3, HTML 4/5, JavaScript, jQuery
- Configured and orchestrated server infrastructure in VMWare ESXi environment

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

- Architected and developed the web-system for Artists Union (PHP, MySQL, Apache, MVC pattern)
- 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 **Russia** **[June 2013]**

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

South Ural State University **Russia** **[June 2011]**

Bachelor in Engineering and Technology; **GPA: 3.7**

SKILLS

- Docker, microservices, Kubernetes, minikube
- CI/CD pipelines, DevOps practices and philosophy
- Programming 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