

Serj Mkrtchyan

Worldwide (Remote)



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Summary

I am an engineer with very wide range of knowledge, who loves interesting tasks. Always ready to dive into new technology/language if it perfectly suits.

Backend: SQL, Python, Golang

Databases: PostgreSQL, Redis, IBM db2

Experience



Software Engineer

RASSE (I-Teco Group)

Sep 2017 - Present (3 years 2 months +)

Developed system of government inspections.

Technologies: SQL, PL/SQL, Python, Golang, Java, docker, ETL, bash, git, db2, PostgreSQL, Redis, Elasticsearch, CI/CD, Ansible

Key Achievements:

- Expanded system functionality by the terms of reference
- Gained performance and reduced application load by adding several services to monolith
- Gained system performance by optimizing SQL-queries & procedures
- Designed APIs architecture and developed services
- Designed architecture of database and entity relations
- Made system more stable by resolving locks and deadlocks
- Coordinated works with team lead
- Successfully migrated all data between old version of system and new one
- Successfully made 15 releases
- Integrated with several external systems
- Automated common routines
- Worked with rare products like IBM db2, IBM Websphere, AIX, Jython
- Defended against hacker attack



Database Developer

Elar corporation

Jun 2016 - Aug 2017 (1 year 3 months)

I developed and maintained retro-conversion projects (data recognition of old archives, like First World War archive and Second World War archives) <http://podvignaroda.ru>

Technologies:

SQL, T-SQL, VBA, MSSQL, MSAccess, MySQL, ETL

Key Achievements:

- Several finished projects of data recognition
- Increased accuracy of data by creating vba scripts
- Increased efficiency of project by integrating dictionaries, T-SQL procedures, special functions etc.



iOS Developer

Custom project

Aug 2015 - Oct 2015 (3 months)

As a university project, I've made an iOS application for dating with locations of every user near you.

Technologies: Objective-C, MapKit, Layout Containers, MySQL, php

Key Achievements: Finished application



Web Developer

Custom projects

Oct 2013 - Mar 2014 (6 months)

As a freelancer I created several websites, mostly landings. My responsibility was everything listed in statement of work. Most often: frontend, minor backend changes, server settings

Technologies: HTML, CSS, JQuery, php

Key Achievements: Developed websites with adaptive design as from scratch as working with WordPress

Education



Moscow State University of Economics, Statistics and Informatics (MESI)

Bachelor's degree

2011 - 2015

Skills

SQL • Python • Go (Programming Language) • PostgreSQL • Redis • Architecture • IBM Db2