

Pouria Kalantari

GOLANG DEVELOPER

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Summary

+3 years experience in Golang development. Capable in Linux and generally UNIX based systems. Interested in devising a better problem-solving method for challenging tasks, and learning new technologies and tools.

Work Experience

Graph inc - a cybersecurity company that offers an Advance Threat Detection system

Tehran, Iran

GOLANG SYSTEM DEVELOPER IN LINUX EDR TEAM

(2 yrs and 9 mos) Feb. 2021 - now

- Develop client side of EDR (Endpoint Detection and Response) with **Golang** for Linux machines by supporting Red-hat and Debian based systems.
 - Use **gRPC** as communication protocol of client and server.
 - Implement a log collector which gathers system logs (like **auditd** logs, **fanotify** notifications, etc.) and sends them to server.
 - Develop an auto response mechanism that protects client against detected malware.
 - Create a service for both **Systemd** and **SysVinit**.
 - Wrap product with **RPM** and **Debian package** compatible with large range of Linux distros (CentOS, Red-hat, Ubuntu, Fedora).
 - Implement an updater service with Golang which is responsible for auto updating the package.
 - Optimize uploader and downloader module which increased its performance by 20% and decreases network traffic about 30%.
- Implement database of server side, using **ent framework** in Golang.
- Write unit tests for Golang packages and appropriate documents for all implemented modules..
- Utilize code review to enhance maintainability and collaborate with stakeholders and business stuff to satisfy customers.

Sanjagh - an advertising network platform that connects advertisers with publishers

Tehran, Iran

GOLANG DEVELOPER

(5 mos) Feb. 2020 - Jul. 2020

- Spend my internship in Sanjagh and implemented a URL shortener.
- Learn working with APIs and writing **RESTful API** using **echo framework**.
- Develop a cache service using Golang which caches response of another service. This cache improved response time up to 10 times faster.

Skills

Programming Languages	Skilled: Golang	Experienced: Python, C
Linux Internals	System calls, logging systems (e.g. syslog, rsyslog), auditing system, package managers (RPM, DPKG)	
DevOps	Docker (familiar with concepts)	
Version Control System	GIT (GitHub, GitLab)	
Database	SQLite, PostgreSQL, Redis	
Other	gRPC, Bash, Jira	
Languages	Work Proficiency: English	Native: Persian

Honors & Awards

DOMESTIC

- 2017 **Bronze Prize**, National Mathematics Olympiad - Iran's National Elites Foundation
- 2018 **Ranked in top 1% among 144,843 applicants**, Nationwide University Entrance Exam

Tehran, Iran

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Education

Amirkabir University of Technology

Tehran, Iran

B.C. IN COMPUTER ENGINEERING

Sep, 2018 - Present

- Thesis Subject:
 - Automatic Program Repair in Golang
 - Supervisor: Dr.Soleiman Fallah