

# Arman K.

## Senior Golang Engineer

### SUMMARY

- 6 years of experience as a software engineer
- 5 years of experience with Golang
- Extensive knowledge and hands-on experience in these Public Key Infrastructure(PKI) and mutual TLS (mTLS)
- Upper-Intermediate English

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Go (5 yr.)
<b>Programming Languages</b>	Go (5 yr.), JavaScript, PHP, Python (4 yr.), Solidity
<b>Mobile Frameworks and Libraries</b>	Flutter
<b>UI Frameworks, Libraries, and Browsers</b>	HTML5, jQuery
<b>JavaScript Frameworks</b>	jQuery
<b>Databases &amp; Management Systems / ORM</b>	AWS ElasticSearch, MariaDB, MongoDB, MySQL, NoSQL, PostgreSQL, Redis
<b>Amazon Web Services</b>	AWS ElasticSearch
<b>Industry Domain Experience</b>	Blockchain
<b>Methodologies, Paradigms and Patterns</b>	Agile, Scrum, TDD
<b>Platforms</b>	Android
<b>Deployment, CI/CD &amp; Administration</b>	Ansible, CircleCI, Jenkins
<b>SDK / API and Integrations</b>	API

<b>Scripting and Command Line Interfaces</b>	Bash
<b>Virtualization, Containers and Orchestration</b>	Docker, Terraform
<b>BlockChain and Decentralized Software</b>	ETH (Ethereum blockchain), Smart Contract
<b>Version Control</b>	Git, GitLab
<b>Operating Systems</b>	iOS, Linux
<b>QA, Test Automation, Security</b>	QA
<b>Mail / Network Protocols / Data transfer</b>	WebSockets
<b>Other Technical Skills</b>	CDI

## EXPERIENCE

### Go & full-stack developer, Proxy Service

Sep 2022 – May 2023

#### Responsibilities:

- Http Anonymous Proxy service for Infiniteproxies.
- Built the backend using microservices in Go, Postgres, Redis, Docker and Kubernetes.
- Designed the architecture to ensure high performance, scalability, and availability.
- Created a secure and efficient database schema using Postgres.
- Configured Redis as an LRU cache to effectively store session data and minimize latency.
- Optimized the Docker images to reduce overall deployment time.
- Developed the frontend of the app using Flutter, ensuring a great user experience with beautiful UI design.

### Go & full stack developer, FedEx

Sep 2020 – Aug 2022, Canada

#### Responsibilities:

- Using GO, developed a microservice for a ship tracking system.
- Wrote data APIs and multi-server applications to meet product needs using Golang.
- Designed configurable websocket APIs for ship's location and status in real time.



- Created alerts and notifications for events, such as a ship leaving or entering a designated area in Go
- Developed all the services on the Linux platform.
- Created an API for reading millions of rows of data from PostgreSQL database to handle historical data.
- Worked on the CI/CD tool Jenkins to automate the build process from the version control tool into the testing and production environments.
- Created Docker image for microservice files to orchestrate applications using Kubernetes.

### **Go developer, Feather**

Oct 2018 - Aug 2020 United States

#### **Responsibilities:**

- Created scalable and high-performance microservices utilizing Go, Kubernetes, Docker, and PostgreSQL.
- Designed and deployed RESTful APIs for various services, ensuring compliance with industry standards and best practices.
- Worked closely with cross-functional teams, including product managers, designers, and QA engineers, to deliver high-quality software in a fast-paced environment.
- Optimized database queries for faster data retrieval and implemented caching mechanisms using Redis.
- Improved the performance of the existing codebase by identifying and eliminating bottlenecks.
- Secured communication channels between services using mTLS.
- Participated in code reviews to ensure code quality and maintainability.

### **Full stack developer, Simply Technologies**

Aug 2017 - Sep 2018, Yerevan, Armenia

#### **Responsibilities:**

- Developed multiple websites for Simply Technologies using PHP, which involved creating dynamic and responsive layouts that implement modern UI/UX standards.
- Utilized HTML5, CSS3, JavaScript, and jQuery to create interactive front-end experiences that enable users to navigate and engage with the website's features and content.
- Worked with a team of developers to establish back-end functionality and databases using MySQL, which included developing custom applications and modules.
- Created documentation detailing technical specifications and user guides for new and existing projects.
- Assisted with quality assurance testing to ensure the accuracy and completeness of project deliverables.

## **EDUCATION**

### **Information Science & Technology, Yerevan State University**

Cryptography  
Sep 2013 - Jul 2017  
Yerevan, Armenia

