

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

Main Technical Skills	Go (5 yr.)
Programming Languages	Go (5 yr.), JavaScript, PHP, Python (4 yr.), Solidity
Mobile Frameworks and Libraries	Flutter
JavaScript Frameworks	jQuery
Databases & Management Systems / ORM	AWS ElasticSearch, MariaDB, MongoDB, MySQL, NoSQL, PostgreSQL, Redis
UI Frameworks, Libraries, and Browsers	HTML5, jQuery
Amazon Web Services	AWS ElasticSearch
Industry Domain Experience	Blockchain
Methodologies, Paradigms and Patterns	Agile, Scrum, TDD
Platforms	Android
Deployment, CI/CD & Administration	Ansible, CircleCI, Jenkins
SDK / API and Integrations	API
Scripting and Command Line Interfaces	Bash
Virtualization, Containers and Orchestration	Docker, Terraform
BlockChain and Decentralized Software	ETH (Ethereum blockchain), Smart Contract
Version Control	Git, GitLab

Operating Systems	iOS, Linux
QA, Test Automation, Security	QA
Mail / Network Protocols / Data transfer	WebSockets
Other Technical Skills	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

