Mike Sheb

Primary languages: Go, Rust.
Area of interest: backend, network applications, data processing.

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EXPERIENCE

LANGUAGES

Ukrainian – native;
English –
upper-intermediate

JAX.Network, Kyiv/Remote — *Blockchain developer*

08.2020 - present

- Development of the implementation of the JAX.Network protocol.
- Development of the simulation and testing engine.
- DevOps tasks [CI/CD, Ansible, Grafana, Prometheus, Terraform, Docker, Nginx]

NDA, Remote — *Rust Developer*

10.2020 - 03.2021

- Design and implementation of microservices (fintech project) [Rust, Actix-web, GCloud, Firebase/Firestore, Cloud Run].
- Implementation of the shared libraries [Rust, C, Dart/Flutter, Dart FFI].
- Setup CI/CD.
- Refactoring of the Flutter App.

Inn4Science, Kharkiv — *Backend developer, Blockchain developer; Head Of Development*

09.2019 - 08.2020 - Head Of Development

- Evaluate developers.
- Create a personal educational and growth plan.
- Improving development processes within projects and companies.
- Conflict resolution. Used to be a communication bridge between the sales department, management and the team.

02.2018 - 08.2020 - Backend Lead Developer

- Design and implementation of microservice systems [Go, PostgreSQL, NATS Redis, RESTfull, gRPC, Docker, Nginx]: Accounting, Trading,

Events Processing, TradeBots, Data Aggregators, etc.
- Design and implementation of private blockchain networks [Rust, Exonum, RocksDB].
- Smart-contracts development for Ethereum Network. [Solidity, JavaScript, Go].
- DevOps tasks [CI/CD, Ansible, Grafana, Prometheus, Docker, k8s, Nomad]
- Tutor and lecturer at the Go educational courses.
- Take part in sales processes: estimation and negotiation with customers as a tech guy.

Distributed Lab, Kharkiv — *Full-stack developer*

05.2016 - 02.2018

Took part in a few projects with Golang backend. Has experience in developing distributed fintech backends, stateless services, accounting systems, and integration with 3rd party API.

- Implementation of cryptographic algorithms in the form of supplied libraries [JavaScript, Go, C].
- Full-stack development in blockchain projects [JavaScript Angular/Vue.JS for front-end, Go for back-end, C++ for blockchain core].
- Infrastructure configuration, server setup, CI/CD for projects, and system maintenance.

TECHNOLOGY SUMMARY

Languages: Go, Rust, JavaScript, Dart/Flutter, Erlang/Elixir, Python, C/C++, Bash.

Development Tools and Technologies: Gitlab CI/CD, Docker, Nginx, EFK-stack, Graylog, Prometheus, Grafana, WebSockets.

Databases: PostgreSQL, Firestore, S3/Minio, Redis, Riak, RocksDB, BoltDB.

Event Brokers: NATS, RabbitMQ.

OS: Linux, macOS

Methodologies: Agile, Scrum, Git/Gitlab/Github Flow.

Misc: Electronic circuit design, FPGA development, Verilog/SystemVerilog.

EDUCATION

KNURE, Kharkiv — *Bachelor*

2014 - 2018

Engineer of design and automation of production of Radio Electronic Devices.