shtanko.me |

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Shtanko Pavel - software developer

- 10+ years hands-on development experience
- Serial team and tech leader for the teams of size 3-9 people
- Indie product developer
- Passionate software developer

Experience

Beat - software engineer (2019 - ...) beat

Ride-hailing application. The fastest growing app in Latin America. Part of FreeNow group.

Fraud, security and safety.

Did:

- Data pipeline for all incoming "signals"
- Data processing and aggregation
- Microservices architecture design
- Building and designing of the fraud prevention rules
- Handling of the data inside the big data stack in order to react fast on new fraudulent cases
- Heavily involved in hiring process
- Strangling of the legacy code

Technical details

- Language: Golang
- Cloud: AWS
- Data stores: MySQL, Aerospike, LevelDB
- Streaming: Kafka
- CI/CD: Jenkins, Github Actions, Helm
- Tools: Grafana, Prometheus

Reply (worldwide) - team and technical leader (2017 - 2019) reply.io

Sales automation tools distributed as SaaS. Early-stage multifunctional developer. Went from no profit to profitable business together with the company.

Involved in all product parts and processes

- Common architecture
- Features design
- Set up of development process

- Payment system
- Data handling (40k+ users, more then 100kk records in different domains)
- Monitoring and logs
- Developers interviews
- Team management
- Lovely CI/CD process

Technical details

- Languages: Golang, C#
- Cloud providers: Azure, AWS
- Stores: PostgreSQL, DynamoDB, Table Storage, MS SQL, Azure SQL
- Container orchestration: k8s + helm
- CI/CD: Teamcity, Jenkins within k8s, Octopus deploy
- Tools: Grafana, Azure application insights, Grafana loki

Flycow (Canada/Singapore) - team leader (2014 - 2017)

Building back-office application for gambling portal's management, including players, bonuses and fraud activity control.

Did:

- Take a part in the architecture design of the application

- Built event's messaging system (integrated RabbitMQ)

- Designed multi-wallet system

- Withdrawal workflow

- Online and offline deposit workflow (3d party payment tools)

- Developed fraud activity control system. Detecting of fraudulent activity

- Code quality control

- Code reviews

- Training of the team members

- Management of the development process in specific domains of the application

- Backend development using ASP.NET MVC/WebApi

- OAuth token-based authentication/authorization

- Frontend development using Angular 2, Durandal, KnockoutJS

- Responsible for the fraud and payment domains in our application

- BDD tests with SpecFlow

- Integration and automation tests
- CI/CD process with Teamcity, MSDeploy and FAKE (F# scripting)

20/20 Vision (Netherlands) - software developer (2012 - 2014)

Developing of budget2pay management cloud solution that includes a lot of components for building custom business workflows and manage them.

Did:

- Developed new modules to provide new functionality and integration of them into the existing system
- Responsible for license control/verification server, and its infrastructure
- Developed web site that allows to set up customer's environments
- Developed back-office portal to manage customer's environments
- Integrated OCR system into the application

Aquasoft (Ukraine), Unicorn (Ukraine) — team leader, developer (2010-2012)

Developing ERP-related applications for Versata/Trilogy group (Texas, USA).

Did:

- Rolled out an application for sale's chain simulation for shop's networks
- Developed application for modeling computer networks for customer's departments
- Developed and integrated wpf control for displaying schemas
- Developed several web sites mainly for news and entertainment.

Did:

- Designed and developed a web scraper to collect specific news
- Developed and rolled out news network
- Created web site for votes

Education

National Mining University of Ukraine (2006 - 2011) Intelligent decision support systems (Computer Science) - Master of Science