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Shtanko Pavel - Engineering Manager \ Software Engineer

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

Experience

(2019 - ...) Beat - Sr. Software Engineer -> Engineering Manager @ Fraud Safety and Identity BEAT

Ride-hailing application. Part of the FreeNow group. Fraud, safety, and identity.

As a software engineer and engineering manager in the Safety team, my main responsibility was to make sure that no one gonna be harmed given that we operate in very violent conditions.

Some words to describe tech and duties

- µServices, distributed systems, async\sync communication, golang, k8s, kafka, MySQL, DynamoDB, Aerospike, gRPC, protobuf, grafana, prometheus, loki, jira, ci\cd, terraform(-grunt), fully automated testing on multiple levels
- engineering leadership, hiring manager, team mentorship, code reviews, initiative groups, RFCs

Achievements

- Managed to retain the engineering team (6 people) during very turbulent times
- 70% incident rate decrease in Argentina
- 15% safety perception increase in AR
- Closed the feedback loop with customers, and decreased user complaints by 33%
- The increased average amount of additional detections per robbery by 49%
- The number of robberies committed by a network of robbers decreased by 19%
- Average robberies per week decreased by 27.8%
- The average incident-related drivers churn decreased by 19%

My day-to-day duties

- Research, design, and implement instruments for incident prevention via rules management, data analysis, and KYC procedures
- Build tools to take proactive and reactive measures

- Lead technical design reviews and code reviews
 - Own the full lifecycle of components and services in the Beat stack along with my team, including architecture design and planning, development, testing, deployment and production support
 - Individual contributor to the features and the tasks of the team
 - Work with Product Owners to understand desired application capabilities and features
 - Establish a suitable team process and a continuous improvement environment
 - Manage the performance and career development of team members, working with them to define goals, track progress, and give feedback
 - Hiring manager for the Fraud, Safety and Identity team
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(2017 - 2019) Reply (worldwide) - team and technical leader reply.io

Sales automation tool (SaaS). Early-stage multifunctional developer (one of the founding developers). Went from no profit to profitable business together with the company.

Some words to describe tech and duties

- 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

My day-to-day duties

- Product technical architecture design and review
 - Setting up the process for engineering teams
 - Close collaboration with executives and PMs to bring all the product needs to the engineering teams
 - PoCs, ideas validation, and product testing
 - Catching up on bottlenecks and finding ways to solve them
 - Hiring
 - Team management and coaching
 - Lovely CI/CD process
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(2014 - 2017) Flycow (Canada/Singapore) - team leader

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

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

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

(2010-2012) Aquasoft (Ukraine), Unicorn (Ukraine) — engineer

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

Education

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