**MARTIN SIDOROV**

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Summary

Dynamic **Software Engineer** with 5 years of experience in **financial technology**, specializing in Golang and microservices. Proven track record of delivering secure authentication systems (**login 2FA with mobile**), developing a **SEPA OUT transfer microservice**, and building scalable features such as a **pricing plan** system. Seeking to leverage expertise in back-end development, distributed systems, and cloud technologies to drive innovation and strengthen modern software ecosystems.

Skills

**Back-end Development:** Go, gRPC, REST API, AWS, Redis, Microservices

**Front-end Development:** HTML/CSS/JS, Bootstrap

**Database Management:** PostgreSQL, MySQL

**Languages:** Russian, English, Estonian

Experience

**Wallester AS** Tallinn, Harju County

*Software Engineer* *April 2022 - Present*

* Delivered **stablecoin top-up functionality**, fixing invoice issues and ensuring reliable transaction flow.
* Engineered a new **microservice** to handle **SEPA OUT transfers**, leveraging Golang and REST API integration with **Banking Circle** to enable payout confirmation.
* Improved **fraud monitoring** by fixing queue issues, and refining Excel reporting.
* Refactored object state transition workflows by utilizing **AWS SNS** and **SQS** messaging, enabling sequential **freezing and unfreezing logic** across services.
* Built and improved features across platforms: **pricing plans, login system 2FA with mobile (SSE, Redis), ReCAPTCHA, push notifications, and CRM endpoints**.
* Enhanced **system reliability** with Prometheus/Grafana metrics, and proper service shutdown handling.
* Supported **team collaboration** through code reviews, writing technical specs, grooming tasks, and mentoring teammates during onboarding.
* Assisted QA and cross-team colleagues in **debugging, feature testing**, and **clarifying product flows**.

**LookinLabs** Tallinn, Harju County

*Co-Founder, Backend Developer* *June 2023 - December 2024*

* Established **project-based learning** programs tailored for junior and mid-level developers, enabling hands-on experience and skill acquisition aligned with industry standards.
* **Mentoring new intern and junior developers** in using GitHub, conducting pull request reviews, and following code conventions, while demonstrating workflow processes with direct onboarding support.
* **Designed and developed backend architecture** with Golang, Redis and REST APIs, ensuring effective integration with existing front-end applications and supporting seamless development projects.
* Coordinated resource allocation and **sprint scheduling** by defining project scope, aligning deliverables with learning objectives, and **adjusting milestones** to ensure timely completion of software development initiatives.

**Wallester AS** Tallinn, Harju County

*Junior Software Engineer* *July 2020 - April 2022*

* Improved **microservices** by running linter analysis, fixing security issues, and presenting best practices to the team.
* Wrote **automated tests** and contributed to bug fixes and new features across **card, CRM, and client portal platforms** (APIs, UI, translations).
* Managed **SMS and email delivery** with **AWS SQS**, increasing reliability and efficiency.
* Assisted with **Visa token integration** and **code reviews** to support team collaboration and code quality.

**Tallink Grupp AS** Tallinn, Harju County

*Intern Junior Developer* *January 2020 - June 2020*

* Developed and maintained user-facing features for **mobile.tallink.com** using **Elm**, ensuring compliance with project specifications and interface requirements.
* Developed unit test suites using **Elm** to verify application stability and reliability.
* Utilized **JIRA** to monitor project tasks and coordinated with team members in Agile development cycles, ensuring efficient workflow progression.

Certifications

**AWS Certified Cloud Practitioner**

Amazon Web Services (AWS) • 2024

**GitHub Foundations**

GitHub • 2024

**Cambridge English: First (FCE) — Level B1**

Cambridge English • 2022

Education

**Junior Logistics IT Systems Specialist (Vocational Upper Secondary Education)** Tallinn

Tallinn Industrial Education Center *06/2021*

**Junior Software Developer (Vocational Upper Secondary Education)** Tallinn

Tallinn Polytechnic School *06/2019*