

# 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

### Software Engineer | Wallester AS | Tallinn, Harju County | 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**.

### Co-Founder, Backend Developer | LookinLabs | Tallinn, Harju County | 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 interns 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.

### Junior Software Engineer | Wallester AS | Tallinn, Harju County | 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.

### Intern Junior Developer | Tallink Grupp AS | Tallinn, Harju County | 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 Industrial Education Center | Tallinn | 06/2021**

**Junior Software Developer (Vocational Upper Secondary Education) | Tallinn Polytechnic School | Tallinn | 06/2019**