

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 Industrial Education Center

Tallinn

06/2021

Junior Software Developer (Vocational Upper Secondary Education)

Tallinn Polytechnic School

Tallinn

06/2019