MAKSIM AZARSKOV

Software Engineer | Backend Development

maxazarskov@gmail.com · azar.ee · LinkedIn · GitHub

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Java
Backend & databases: Node.js, Fastify, REST APIs, SQLite, MySQL
Tools & practices: Git, CI/CD, unit testing, functional testing, Unix command line, shell scripting
Security & reliability: Vulnerability remediation, root-cause analysis, production monitoring

PROFESSIONAL EXPERIENCE

Junior Software Engineer | Pipedrive · Jan 2025 – Present

- Developed and maintained backend services using TypeScript, JavaScript, Node.js and Fastify, implementing business logic and integrating APIs.
- Developed and maintained automated unit and functional tests to validate business logic, ensure expected system behaviour and improve code reliability.
- Delivered features across interconnected services, coordinating changes to application configuration, feature flags and database-related functionality.
- Led engineering initiatives, coordinating technical planning, task distribution, cross-team collaboration and controlled production rollouts.
- Contributed to system migrations and automation initiatives, developing scripts and tools to support engineering workflows and operational processes.
- Improved service security and reliability through vulnerability remediation, framework and dependency upgrades, and monitoring improvements.
- Investigated and resolved production issues through root-cause analysis and collaboration with engineering and support teams.

Software Engineering Intern | Pipedrive · Oct – Dec 2024

- Led five developers alongside a project manager to deliver an internal automation tool within six weeks.
- Coordinated development, prepared documentation, demonstrated the solution and handed ownership to the support team.

EDUCATION

MSc, Cybersecurity | TalTech · Sep 2025 – Jun 2027 (expected)
BSc, Software Engineering | Estonian Entrepreneurship University of Applied Sciences · 2022 – 2025

ACHIEVEMENTS

Cybersecurity Competitions: Telia Cyber Battle of Estonia / KüberNaaskel 2025 Finalist (11th of 50); KüberNaaskel 2026 finalist.
Cybersecurity Exercise: NATO Locked Shields 2026 - Participant

PUBLICATIONS

Adaptive Protocol Selection for Energy-Efficient IoT Communication — *Informatics*, 2025. Research on network protocols, performance optimisation and adaptive communication systems. Paper

SPOKEN LANGUAGES

English (fluent) · Russian (native) · Estonian (proficient) · Japanese (beginner)