

Alena Erdem

Software Engineering | Backend | Distributed Systems | DevOps | SRE | Leadership

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[Website](#) | [LinkedIn](#) | [GitHub](#)

Location: Stockholm, Sweden (Remote/Hybrid)

SUMMARY

For over a decade I've been helping companies to build and deliver scalable, secure and resilient systems across e-commerce, web security and enterprise development. I value collaboration and teamwork, focusing on progress, measurable and reliable results. Looking for a remote/hybrid role in an autonomous self organized team.

CORE SKILLS

Programming: Go (5+years), Java (6 years), C# (2 years), SQL (10+ years)

Cloud/DevOps: AWS, Docker, K8s, Terraform, Prometheus, Grafana, GitLab CI/CD

Databases: Postgres, DynamoDB, MSSQL, Oracle, MySQL, DB2

Messaging Queues: Kafka, RabbitMQ, SNS

Architecture/API: REST, GRPC, GraphQL, Microservices, Event Sourcing, OAuth, DDD

Practices: SRE, DevOps, Observability, On-call, Mentoring, Agile/Scrum/Kanban

EXPERIENCE

Open Source Contributor - Stockholm, Sweden

Senior Software Engineer | Mar 2026 - Now

- While being on maternity leave I'm currently driving an open source product development which is a multiplatform [app](#) for tracking job hunting pipelines.

Detectify AB – Stockholm, Sweden

Multiple roles | Oct 2019 - Nov 2024

Senior DevOps / SRE Engineer | May 2024 - Nov 2024

- Led on-call rotations and embedded SRE best practices, which enhanced incident response and decreased system incidents by 80%.
- Created and executed the strategy for zero-downtime migrations across 50+ cloud databases, establishing load-dependent database scalability.
- Introduced cloud-based Kafka observability tooling, improving reliability across over 500 team-owned topics.
- Implemented a compliance check service controlling that all repositories in Gitlab follow internal security requirements.

Engineering Manager | Sep 2023 - May 2024

- Managed a team of 7 engineers, driving cross-functional collaboration and strategic team formation.
- Drove recruitment and interviewing processes to successfully scale several new engineering teams.
- Ran targeted knowledge-sharing sessions to upskill backend engineers and foster a culture of continuous learning.

Senior Software Engineer | Oct 2019 - Sep 2023

- Designed and implemented distributed web vulnerability detection systems using *Go, AWS, Docker, K8s, Terraform, and GraphQL*.
- Developed a subdomains discovery system based on consuming streamed SSL transparency logs.
- Developed a similarity check algorithm based on research of humans' perception of similarity in order to detect potential phishing attacks on domains.
- Implemented machine to machine service authentication using multi tenant Auth0 securing internal service communication.
- Added open telemetry to services for connecting traces and metrics through multiple services and multiple AWS accounts increasing transparency of major business flows.

Freelance – Istanbul, Turkey

Software Engineer | Aug 2017 - Aug 2019

- Developed game authentication system handling millions of requests per minute
- Implemented media metadata collector web service

EspadaMotors Ltd – Istanbul, Turkey

Software Architect | Jan 2015 - Aug 2017

- Architected and built a robust B2B sales platform integrated with Netsis government accountancy system and various banking APIs.
- Developed a modular payment gateway adaptable to streamline financial transactions with multiple banks (e.g., Denizbank, Vakıfbank).
- Delivered full-stack capabilities using C#, ASP.NET, Bootstrap, SQL and JavaScript.

Sam Solutions – Minsk, Belarus

Software Engineer | Jul 2007 - Jul 2014

- Developed marketing CRM modules and notification/event-scheduling systems using C#, IIS, SQL Server.
- Led the VB-to-VB.NET migration of a project.
- Developed RESTful services in Java (Spring) and C#.
- Mentored junior developers, led sprints, and organized retrospectives.

EPAM Systems – Minsk, Belarus

Software Engineer | Apr 2006 - Apr 2007

- Developed an internal media portal in C# importing data from Amazon/Ozon using web services.
- Delivered scheduling and statistics features for sports event platforms.

EDUCATION

MSc, Major: Applied Mathematics & Computer Science 2008
Belorussian State University

Modern English Language Interpreter 2010
Minsk Linguistic University

[Professional Certificates](#)