

ROMAN SHULGIN

Software Developer

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Software Developer with 10+ years of experience specializing in high-load systems, cloud infrastructure, and AI integrations. Proven track record of optimizing legacy codebases for 10x performance and leading end-to-end product development. Adept at bridging complex business requirements with scalable architecture, leveraging modern tech stacks, and developing custom AI agents to drive operational efficiency.

TECHNICAL SKILLS

- **Frontend:** JavaScript, TypeScript, React (Redux), Angular, NextJS, Micro Frontends (Module federation).
- **Backend:** Node.js (NestJS, Express), REST API, GraphQL, PostgreSQL, MongoDB, Redis, Elasticsearch.
- **DevOps & Cloud:** AWS, Kubernetes (K8s), Terraform, Docker, CI/CD (GitLab, Teamcity, CircleCI, ArgoCD), RabbitMQ, Kafka, Auth0.
- **AI & Architecture:** AI Agent Development (Mastra), LLMs (Anthropic), Prompt Engineering, Evals, Microservices.

EXPERIENCE

Software Developer | Riskified (Tel Aviv, Israel) | 2025 – Present

- Optimized complex legacy codebases, achieving a 10x data processing speed increase, and seamlessly integrated backend data results into internal AI tools.
- Developed and deployed custom AI agents utilizing the Mastra framework and Anthropic models, taking ownership of prompt engineering and implementing rigorous evaluation frameworks (evals).
- Architected from scratch a traffic proxy service (JWT to HMAC conversion) and a comprehensive request data audit library for strict security compliance.
- Managed and monitored microservices within a complex cloud ecosystem utilizing AWS, Auth0, Kubernetes, Terraform, Groundcover, and ArgoCD.
- Participated in 24/7 on-call rotations, taking ownership of rapidly identifying and resolving critical production incidents.

Software Developer | iHousing (Startup) (Remote, Israel) | 2023 – 2025

- Architected and developed a full-stack rental housing platform utilizing NextJS (TypeScript) for the frontend and NestJS microservices (MongoDB, GraphQL, RabbitMQ) for the backend.
- Established comprehensive GitLab CI/CD pipelines for automated Docker deployments and integrated third-party systems, including CRMs and Telegram Bot APIs.

Senior Developer | Luxoft (Belgrade & Moscow) | 2019 – 2023

- Migrated critical business applications to Angular and built an internal React UI library, establishing unified design standards and universal components across teams.
- Engineered a front-end system for credit risk monitoring and a robust NestJS microservices backend, efficiently processing high-throughput data via Apache Kafka and RabbitMQ.
- Assessed project risks, optimized development workflows, and mentored team members while conducting rigorous code reviews.

Senior Developer | Proscow (Moscow) | 2017 – 2019

- Built complex web interfaces (React/Angular) and highly reliable monolithic backends (NestJS/PostgreSQL) across the MedTech, FinTech, and EdTech sectors.

Full-Stack Developer | Lemier, Emmtech, Vkostume (Moscow) | 2014 – 2017

- Developed diverse applications (e-commerce administration, IoT museum guides, multimedia broadcasting) utilizing AngularJS, Node.js, Socket.IO, and relational databases.

EDUCATION & LANGUAGES

- **B.Sc. in Computer Science**, MTUCI, 2016
- **Languages:** Russian (Native), English (Professional), Hebrew (Lower intermediate)