Romanov Roman Olegovich

Software Engineer

i@oneheka.com
t.me/oneheka

github.com/oneheka
oneheka.com

Software engineer, 5+ years of experience. Single-handedly grew a product to 3.5M users and 15K servers, owning the full development cycle — from database architecture and backend to frontend, infrastructure, CI/CD, monetization, and production.

Education

TUSUR

Tomsk State University of Control Systems and Radioelectronics

Computer Science and Engineering

2025-2030

HCI NSU

Higher College of Informatics, Novosibirsk State University

Information Systems and Programming

2023-2027

Skills

Programming Languages

TypeScript · JavaScript · Python · C · C# · C++ · Java · 1C:Enterprise

Databases and ORM

PostgreSQL · Drizzle · Tortoise · MongoDB · MySQL · Sequelize · Mongoose · Prisma

Frontend Frameworks

Astro · React · Next.js · Vue.js · Nuxt · Svelte

Backend and Runtimes

Bun · Hono · FastAPI · NestJS · Node.js · Elysia · Express.js

UI and State Management

TanStack Query · Tailwind CSS · shadcn/ui · React Aria · SCSS · Gravity UI · Base UI · Radix UI · Redux · Zustand

DevOps and Infrastructure

Linux (Ubuntu/Debian) · S3 Storage · Nginx · CI/CD (GitHub Actions) · UFW/Firewall

Work Experience / Projects

Form Make — Software Engineer / Founder

SaaS platform for interactive forms

Dec 2025 — Jul 2026

- Designed and single-handedly shipped a SaaS platform to production: backend on Bun + Hono, frontend on Next.js + React Aria
- Optimized REST API and PostgreSQL queries (Drizzle ORM), reducing TTFB to SEO-critical levels
- Implemented billing/subscriptions and S3-compatible storage — launched paid plans without proprietary storage infrastructure
- Set up CI/CD (GitHub Actions) on self-hosted Linux with Firewall/UFW — fully automated releases
- Integrated analytics (Yandex Metrica) for tracking funnel conversion and feature prioritization

HCI App — Software Engineer / Founder

PWA for 500+ students

May — Dec 2025

- Developed and launched a PWA (FastAPI + React + Vite + PostgreSQL) for college schedule and forum
- Achieved 20% DAU of the entire college audience through mobile-first design (95% of traffic — mobile)
- Implemented offline mode via Service Workers — service runs reliably during connectivity loss

Discord Ecosystem (Desires, Niako, Wind) — Software Engineer

Jul 2021 — Oct 2024

- Designed and scaled an ecosystem of 3 Discord bots and web services to 3.5M users and 15,000+ servers (NestJS/Express.js, Discord.js)
- Implemented horizontal sharding of Discord Gateway connections with Redis pub/sub synchronization — eliminated downtime during scaling
- Reduced server load and RAM usage by 30% by refactoring legacy core into modular architecture
- Designed a responsive bot management dashboard using Gravity UI
- Developed a second management dashboard on a custom UI component library, also pixel-perfect by design