

## Contact

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(LinkedIn)

[github.com/ndrewnee](https://github.com/ndrewnee) (Other)

## Top Skills

Go

TypeScript

PostgreSQL

## Languages

Russian (Native or Bilingual)

English (Professional Working)

# Andrey Ni

Senior Software Engineer, Go/Typescript, 10+ years

Tashkent, Uzbekistan

## Summary

I'm a software engineer with 10+ years of experience.

My main languages are Go, Typescript (Node.js) as I specialize in web projects.

I have mostly worked in startups and mid-sized companies because I like solving problems and delivering value to real users.

Programming: Go, TypeScript (Node.js)

Databases: PostgreSQL, Redis, MongoDB, Neo4j, ElasticSearch

Queues: RabbitMQ, AWS SQS, pub-sub in Redis

DevOps: Kubernetes, Docker, AWS

Monitoring: Prometheus, Grafana, Loki

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## Experience

### Haqqex

Senior Software Engineer

February 2023 - Present (2 years 5 months)

Tashkent, Uzbekistan

Haqqex is a centralized crypto exchange (CEX)

- Designed and implemented core trading-engine microservices in Typescript/ NestJS for spot and futures markets
- Implemented real-time market data pipelines using WebSocket for order book, trades, candles, and tickers updates
- Integrated Kucoin/OKX Broker API for liquidity management and trade execution
- Conducted technical interviews and onboarding for backend engineers

### Medesk

Senior Software Engineer

April 2017 - February 2023 (5 years 11 months)

Moscow City, Russia

Medesk is a medical practice management SaaS for clinics and hospitals

- Developed Go microservices processing data for 2000+ medical facilities
- Implemented integrations with Stripe, Xero and laboratory APIs, automating billing workflows
- Executed migration from Elasticsearch/Neo4j to PostgreSQL reducing infrastructure costs
- Mentored junior engineers through code reviews and technical onboarding

## Newmax Technologies

### Software Engineer

September 2015 - March 2017 (1 year 7 months)

Tashkent, Uzbekistan

Newmax developed a ride-hailing app MyTaxi (like Uber)

- Developed Go microservices for real-time order distribution and driver routing, achieving 99.9% system uptime
- Refactored callback-heavy Node.js service for the driver app to improve code maintainability

## Zamonaviy Kommunikatsiyalar LLC

### Software Engineer

March 2015 - September 2015 (7 months)

Tashkent, Uzbekistan

ZK built an electronic document management system (DocFlow)

- Maintained and enhanced monolithic C#/ASP.NET MVC application for enterprise document workflow automation
- Optimized PostgreSQL query performance through index tuning and query restructuring

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## Education

Tashkent University of Information Technologies TUIT

Bachelor's degree, Computer Software Engineering · (2012 - 2016)