

# Beken Esenamanov

I am a software engineer working on web applications and web infrastructure. I can help everywhere in the stack, proficient about writing clean and maintainable code. I have had positions in network engineering, sysadmin, and information security. Now I am focused on developing durable and scalable applications based on microservices, interested in distributed computing, high-load systems and clouds.

## EXPERIENCE

### [Apex Consulting](#), Remote — *Full-Stack Developer*

Okt 2022 - Current

At my current position, I deal with various business and engineering tasks. I work with the full development cycle, project architecture and lead the project from scratch.

### [Aitilek Engineering](#), Remote — *Full-Stack Developer*

Jan 2022 - Jan 2023

In this position, I am working on development of back end logic for automating business processes for a network of gas stations. Such as cashless services (payment through a mobile application), integration of filling equipment and accounting systems, development of a CRM system. We use technologies such as: NodeJS (Express, Nest), ReactNative, HBS, PG, Mongo.

### [Keremet Bank](#), Bishkek — *Lead Back End Developer*

Jan 2021 - May 2022

At my previous job, I was responsible for developing, implementing and maintaining internet-banking, internal web applications and microservices. I collaborated with technical and business staff in the development. I was developing microservices with idempotent REST and SOAP API points that integrated into the core system of the Bank. Development and support of enterprise applications of Internet-Banking (more than 100k payment transactions per month). 80% of my work was doing back end development: pipelining requests processing with a finite state machine logic, request queue implementation and load balancing (NodeJS, Oracle PL SQL, Mongo, C#, Kafka), 10% front end development, usually fixing bugs (React, PUG, JQuery) and the remaining 10% was devops/sysadmin related tasks(\*nix, Docker).

### [RSK Bank](#), Bishkek — *Lead Cyber Security Officer*

May 2015 - Jan 2021

Ensure the security of information and information systems. Protection against cyber attacks. Development of administrative mechanisms and regulations. Work with security systems for information leakage, network and application protection, systems for collecting and analyzing events, administration of information assets.

### [ISP Aknet](#), Bishkek — *Network Engineer*

May 2014 - May 2015

Setting up and deployment of infrastructure network equipment. Development of the network and network nodes.

## EDUCATION

### **State Technical University of Kyrgyzstan, Bishkek — Master**

Sep 2014 - May 2018

MOBILE COMMUNICATION AND RADIO ACCESS NETWORKS.

### **Polytechnic College at the International University of Kyrgyzstan, Bishkek — Bachelor**

Sep 2010 - Nov 2014

COMMUNICATION NETWORKS AND SWITCHING SYSTEMS.

Kyrgyz Republic, Bishkek

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## SKILLS

software engineering

database design

testing

monitoring, securing and troubleshooting

server administration

## TECHNOLOGIES

JavaScript, TypeScript

NodeJS (Express, NestJS)

Oracle (PL/SQL),  
PostgreSQL, MySQL,  
MS SQL

MongoDB, Redis, Kafka

Docker, Nginx, \*nix OS

JQuery, Vue, React

Git, Jira, Firebase

Shell, Python, C#

## LANGUAGES

Russian - fluent

Kyrgyz - native

English - upper  
intermediate