

# MURZAMIDINOV AZIYAT

LinkedIn • GitHub • aziyatalik4@gmail.com • +8210-4412-3419

## OBJECTIVE

To contribute to a team that values transparency, demonstrates genuine care, and prioritizes impactful action

## WORK EXPERIENCE

### KROSS Finance Korea

Software Developer

Seoul, South Korea

Oct 2022 - Present

- Led the development of multiple platforms, including investor, borrower, and admin systems.
- Implemented an API proxy service for communication across multiple services on a private network.
- Developed REST APIs based on client requirements for seamless service integration.
- Set up task scheduling using Cron jobs for product updates, loan repayments, push notifications, etc.

### Motion Web

Mentor (Contract, Remote)

Bishkek, Kyrgyzstan

May 2024 - Present

- Helping 2 groups of 30 students land their first internship.
- Developed three frontend projects from scratch to strengthen their resumes.
- Implemented and deployed REST APIs in NestJS to a containerized runtime (AWS ECS) for frontend projects.
- Taught Data Structures and Algorithms, leading students through 60 LeetCode problem-solving exercises.

### Next-generation Networks and Systems Lab

Research Assistant Intern

Ulsan, South Korea

Sep 2020 - Feb 2021

- Edge computing offloading using Mellanox SmartNICs in a high-performance cluster.

### OnSquare

Software Developer Intern

Seoul, South Korea

June 2020 - Aug 2020

- Redesigned navigation and modularized software using Redom.js, D3.js, Three.js, and WASM.

## EDUCATION

### Ulsan National Institute of Science and Technology

Bachelor of Computer Science and Engineering

2017/9-2022/8

### Osh Sema Cambridge High School

2012/9-2017/8

## LANGUAGES

- English - Professional working proficiency
- Russian - Professional working proficiency
- Korean - Elementary proficiency
- Turkish - Professional working proficiency
- Kyrgyz - Native or bilingual proficiency

## MAJOR PROJECTS

### Secure Proxy Service for Client and Internal Backends

KROSS Finance

2023/1-2024/2

- Developed and integrated REST APIs to securely expose internal backend services for frontend applications.
- Designed and optimized backend logic for calculating pre- and post-tax interest rates across various loan types, including delinquency rates, ensuring accurate loan repayments.
- Implemented secure document storage and report generation, with access control mechanisms to guarantee that users can only access their own files such as investment contracts

**Web Platform for Investors**

KROSS Finance

2024/4-2024/6

- Led the development and maintenance of the fintech platform's web and mobile applications using Next.js.
- Integrated Server Side Event for rendering loan, investment and other complex statuses in real time
- Integrated third-party services, APIs, and data sources to facilitate credit checks, identity verification, and loan servicing.

**Mobile app for Investors**

KROSS Finance

2023/12-2024/3

- Developed a React Native-based peer-to-peer (P2P) investment and asset management app for easy and fast investment.
- Integrated push notifications for investment scheduling, repayments, withdrawals, deposits, and more.
- Integrated Google Analytics to track page visits, user engagement, incoming traffic, and other key metrics, optimizing app features based on usage patterns and improving or removing underused events.
- Managed weekly app releases to the App Store and Google Play Console.

**Mobile app for Borrowers**

KROSS Finance

2023/3-2023/5

- Developed a React Native app focused on borrowers for easy peer-to-peer (P2P) lending.
- Integrated push notifications for loan approvals, deposits, and payments.
- Utilized Firebase Remote Config to ensure fast and accurate updates for borrower and payment gateway (PG) information.

**Web Platform for Borrowers**

KROSS Finance

2022/11-2023/2

- Developed a Next.js-based peer-to-peer (P2P) app focused on borrowers for easy and fast loan management, including loan requests, approvals, and more.
- Implemented the user interface (UI) and integrated it with the backend, covering all requirements such as borrower portals, document submission, loan requests, approval statuses, withdrawal payments, and transaction history.

**Bulut Web Services**

Bulut Web Services

2020-2022

- Contacted companies to outsource projects, managing partnerships effectively.
- Developed 10+ CMS platforms for various small businesses and agencies.
- Provided UI/UX design and social media marketing (SMM) solutions to enhance brand professionalism.

**RELEVANT COURSES**

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- Algorithm, Data Structures, Computer Networks, Computer Architecture, System Programming, Software Engineering, Digital Logic, Computer Security, Information Visualization, Human Computer Interaction, Operating System, Theory of Computation, Computer Vision, Database Systems, Mobile Computing, Introduction to Robotics
- Statistics, Applied Linear Algebra, Probability and Random Process, Discrete Math, Calculus
- C++ Programming, Python Programming, Principles of Programming Languages, Object Oriented, Programming in C++
- Economics, Financial Accounting, Financial Management, Microeconomics, Corporate Finance, Investment Analysis, Human Resource Management, Organizational Behavior

**ACHIEVEMENTS**

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- Promoted and awarded a 10% salary increase in recognition of exceptional performance and significant contributions to project success at KROSS.
- UNI-Star Scholarship fully funded \$3000/semester and \$300/mos
- Got funded \$3000 in UNIST UIRP start-up program for Blockchain Project