

AIDANA AKIMOVA

Bishkek, Kyrgyzstan
akimovadna@gmail.com
github.com/adnakimova
linkedin.com/in/aidana-akimova/

EDUCATION

Bursa Uludağ University
Bachelor of Science in Computer Science

Sept 2019 — June 2023
Bursa, Türkiye

EXPERIENCE

Enesai Technologies
Java Backend Developer

Bishkek, Kyrgyzstan
Aug 2023 - Present

- Implemented a seamless integration of the artificial intelligence module with the system architecture based on Java, Spring
- Participated in the development of a content generation component based on artificial intelligence, which provides the platform with content creation, task generation, and analytics capabilities. content creation, task generation, and analytics.
- Developed dynamic reporting capabilities in PDF and Excel formats, improving data presentation and analysis with Apache POI and iTextPdf libraries
- Designed and implemented solutions for asynchronous query processing using RabbitMQ.
- Technologies : [Java, Spring(Web/Security/Data/AMQP), PostgreSQL, Jenkins, Docker].

Eker
Junior Software Engineer

Bursa, Türkiye
Oct 2022 – May 2023

- Developed and implemented new functions of the type system: type inheritance, type dependency, comparator for type instances.
- The new functions improved code quality and reliability, increased security and simplified data handling.
- I analyzed and refactored the legacy code to improve its usability. maintenance
- Technologies : [Java, Spring Boot/Security, Thymeleaf, JSP, Oracle].

PROJECTS

Artificial Intelligence and IoT-Based Digital Transformation in Industry
Final Project for Computer Engineering at BUU

- Led the development of a deep learning application using YOLO for object detection.
- Implemented the MQTT protocol for data transfer between IoT devices and application.
- Contributed to project design, coding, testing, and documentation.
- Collaborated effectively with team members to achieve project goals.

MindMentor CRM System
Own

- Developed and maintained the Mindmentor CRM system, a Java Spring-based application serving 2 IT companies to manage users (students, mentors) and facilitate transactions (salaries, payments).
- Enhanced efficiency by 20% through optimizing data queries and implementing caching mechanisms.
- Streamlined mentor-student matching with a custom algorithm, resulting in an average improvement of 15% in student satisfaction.

SKILLS

- Java, Spring Framework (Web/Security/Data/AMQP), WebFlux, RESTful Web Services, Git, Maven/Gradle
- Docker, Lombok, Swagger, Postman, JUnit, AWS, RabbitMQ, jooQ
- Python, SQLite
- Jira, Confluence, Trello

ACHIEVEMENTS

The 2021 ICPC Turkey Programming Contest

- The International Collegiate Programming Contest is an algorithmic programming contest for college students.
- Placed 25th among 73 other teams.

2209-A University Students Research Projects Support Program

- As part of my academic and research experience, my team secured support from the "2209-A University Students Research Projects Support Program for our innovative IoT-Based Workplace Injuries and Accidents Prevention System application.