

# GULBAKHOR MIRZALIEVA

Software Engineer | Inha University in Tashkent

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<https://github.com/u1710099>

## Profile

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Software Engineer with 3 + years of hands-on experience as a Backend developer working in various development domains using Java, Spring framework, Jira and Git.

## Tech Skills

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**Languages:** Java Core, C++, Kotlin, HTML/CSS/Bootstrap.

**Frameworks / Libs:** Spring Boot, Spring MVC, Spring Core, Reactive Spring, Webflux, Websocket, JmsBroker, Web development, Hibernate, JPA, Maven.

**Web Services:** Microservices, Rest, GraphQL

**Database:** MySQL/PostgreSQL

**Clouds:** AWS, Docker

**Testing:** Junit

**Productivity:** Git/GitHub, Trello, MS Office, Linux, Windows OS.

**Soft-Skills:** Problem Solving, Research, Communication, Business, Technical expertise, Management, Critical & Analytical, Leadership skills

## Work Experience

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**Hayot Bank** | <https://hayotbank.uz/>

*Tashkent, UZB*

Java Software Engineer

*Nov.2022 – Present*

Develop and design software solutions for financial services, collaborate with teams to design and implement features troubleshoot and resolve issues, and ensure product quality through testing and code review

### Mobile App Backend:

- Led the backend development for microservices for the mobile app, incorporating Reactive Spring, WebFlux, and R2DBC.
- Implement WebSocket for real-time communication, ensuring instant updates and notifications for mobile clients.
- Integrate JMS broker communication for seamless message exchange and event-driven interactions.
- Utilized Neo4j graph database for efficient data management, handling complex relationships and data structures.

### hayotbank.uz: Corporate website

- Led the development of the admin panel dashboard and corporate website, enhancing user experience and functionality.
- Implement Reactive Spring and Webflux technologies, ensuring seamless and responsive user interactions.
- Collaborate closely with frontend developers and UX designers to create intuitive and visually appealing user interfaces.
- Conduct code reviews and provided constructive feedback to maintain code quality and adherence to best practices
- Actively participate in agile development processes, ensuring timely delivery and continuous improvement of products.

**SOFT BRAINS** | [softbrains.uz](https://softbrains.uz)

*Tashkent, UZB*

Software Engineer

*May.2022 – Oct.2022*

- Design and develop a GraphQL, Restful APIs for different modules in the project as per the requirement
- Collaborated closely with the design and product teams to implement responsive and user-friendly website and mobile app interfaces. Dropshipping Ecommerce Project for selling Food and Beverages (<https://anibeolsseo.com>)
- Contributed to the development of Credivalue, a fintech project aimed at evaluating financial assets of companies (<https://www.fidesvalue.com/>)
- Implemented data processing algorithms and APIs to retrieve and evaluate financial data, enabling accurate assessments of companies' financial health.
- Conducted comprehensive data calculations using Python, harnessing libraries such as NumPy and Pandas for advanced analysis and profound insights

## EPAM System Inc. | [epam.com](https://epam.com)

Tashkent, UZB

### Java Backend Developer Internship

Remote July.2021 –Jan.2022

- Worked and built a project with Database in PostgreSQL using hibernate and Creating spring boot projects
- Worked and configured Spring MVC and Hibernate in the backend to build the business logic
- Changed view forms and did crud by enhancing the efficiency of the project code structure and database access
- Designed and implemented of new business requirements both frontend and backend
- Involved in Junit Testing, debugging, and bug fixing
- Deployed Applications on AWS using Docker <https://gitlab.com/gulbakhor/energy.git>

## Begunok Technology group

### Android Developer intern

Dec.2020 –Feb.2021

- Worked and build Android application and API backed server based on Kotlin
- Designed UI/UX of the applications and Admin Panels
- Created new UI screens and key resource for layout UI work utilizing .xml, TextView, ListView, WebView, Buttons, Activities, and FrameLayout
- Participated in design discussions and pre-sprint planning exercises

## Summer intern at Euro | [upwork.com](https://upwork.com)

### Freelance technical writer

June.2020 –Present

- Support developers through answers on Stackoverflow, Twitter, Quora and other developer platforms by helping and resolving issues on the provided project.
- Produce a technical content, and answer technical questions from prospects and customers.
- Contribute to the documentation of the project, conduct conversation via media, video, and in-person and present the software.

## Education

### Inha University in Tashkent

Mirzo Ulugbek, Tashkent, UZB

### BSc, Software Engineering

Sep.2017 – Sep.2021

- Dean's List standing - GPA: 3.72/4.50
  - Data Structure (With C++ & Java)
  - Internet Programming
  - Application programming in Java
  - Artificial Intelligence
  - Big Data Analysis
  - Mobile Programming
- Database Design
- System Programming (using C)
- Discrete & Engineering Math
- Operating System
- Internet of Things
- Capstone Design

## Honors & Activities

2023	Tech Summit full grant participant in Perspektywy Women 2023, Poland	Warsaw, Poland ~ IT PARK, Tashkent
2022	Tech Summit full grant participant in Perspektywy Women 2022, Poland	Warsaw, Poland
2020	Global Investment Summit – Startup Lab Pitch Finalist	GSE, Virtual
2019	ITWOMEN innovative ideas winner - 1nd place, IT Park	Tashkent, UZB
2019	GDG – DevFest Participant and Volunteered, INHA University in Tashkent	Tashkent, UZB
2018	Django Girls Workshop participant – Super Dispatch, Github, INHA University	Tashkent, UZB

## Certificates

2022	Learning Spring with Spring Boot, Linkedin Learning Frank P Moley
2022	Kotlin for Java Developers, JetBrains
2020	Android Development Track successful completion, Udacity – One Million Uzbek Coders
2020	Engineering Undergraduate & Masters Asia Virtual Experience Program, Microsoft CVP, Global Talent Acquisition

## Languages

- English – Full Professional Proficiency
- Uzbek – Native Language

