

# Otabek Kholmirzaev

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## Experience

**Uzorasoft** – Tashkent, Uzbekistan.

Mar 2024 – Present

### Software Engineer

- Designed, implemented, and maintained robust and scalable APIs to support various application functionalities, ensuring seamless integration with frontend services and improving system performance.
- Optimized database schemas to ensure efficient data storage and retrieval, improving query performance by 120% and reducing data redundancy.
- Integrated backend services with frontend components and third-party systems to enhance overall system functionality and user experience, improving data flow between services and reducing latency by 90%.
- Implemented secure authentication and authorization mechanisms to protect sensitive data and ensure user privacy, strengthening data security and reducing unauthorized access incidents by 99.9%.
- Wrote Unit and Integration tests to improve code quality and project stability, increasing test coverage from around 50% to 90%.
- Technologies used: C#, ASP.NET Core, Angular, PostgreSQL, EF Core, etc.

**Taqsim Solution** – Tashkent, Uzbekistan.

Aug 2023 – Feb 2024

### Software Engineer

- Supported the Uzbekistan government e-commerce project that enables customers to purchase solar panels across the country.
- Developed robust APIs to enhance backend functionality.
- Resolved critical bugs to maintain system stability and performance.
- Implemented advanced filtering, sorting, and pagination features for efficient data querying.
- Project: [Energy Market](#).

**Webase** – Tashkent, Uzbekistan.

May 2023 – Jul 2023

### Software Engineer

- Developed and maintained RESTful Web APIs, focusing on efficient document management for the Uzbekistan President Administration and its sub-organizations.
- Acquired proficiency in writing complex SQL queries and stored procedures in PostgreSQL, enhancing database performance and reliability.
- Applied design patterns like Repository and Unit of Work to ensure modularity and maintainability in the codebase.
- Worked within a layered n-tier architecture, gaining a deep understanding of the project's structure, which contributed to its scalability and operational efficiency.
- Implemented features for saving, filtering, and sorting documents, significantly improving the user experience and system usability.

**TechCells** – Tashkent, Uzbekistan.

Nov 2022 – Apr 2023

### Software Engineer

- SaaS Application Development: Contributed to the development of a Management SaaS application designed to manage employee-related functionalities within organizations. The application included features such as time tracking, project management, task assignments, and reporting.
- Developed Authentication and Authorization Services: Created robust authentication and authorization services to secure the application, ensuring secure user access and data protection.
- Built and Tested RESTful APIs: Designed and implemented RESTful APIs to support various application functionalities. Conducted comprehensive testing of API endpoints using Postman to ensure reliability and performance.
- Utilized Modern Tools and Technologies: Leveraged tools and technologies such as Git, C#, ASP.NET API, Entity Framework, and MS SQL for effective development and version control.
- Enhanced Communication and Problem-Solving Skills: Collaborated with a team of three developers, improving communication and problem-solving skills through effective teamwork and collaboration.

## Education

**Bachelor of Technology, Computer Science & Engineering. GPA: 9.06/10.00**

**Expected Graduation: May 2025**

**Amity University** – Tashkent, Uzbekistan.

**Courses:** Introduction to Computers and Programming in C, Introduction to Cloud Computing, Applied Mathematics, Data Structures Using C, Object Oriented Programming Using C++, Java Programming, Operating System, Theory of Computation, Web Developer, Analysis and Design of Algorithms, Database Management Systems, Fundamentals of Mobile Computing, Programming in Python, etc.

## Honors and Awards

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- Selected as a Government stipend winner for outstanding academic performance and leadership, chosen as one of the 51 students from 326 applicants.
- Won 2nd place in a programming competition at Namangan State University, demonstrating strong programming skills and problem-solving abilities.
- Won 2nd place in a programming competition at Ilmhub IT School, showcasing technical expertise in coding and algorithm challenges.
- Won 1st place in the Regional Math Olympiad, outperforming over 1,000 participants and displaying exceptional mathematical skills.
- Participated in around 70 [LeetCode](#) contests to continuously improve problem-solving skills, currently ranking in the top 1.83% out of 604,451 members globally and 6th among approximately 1,000 users in Uzbekistan.

## Leadership

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- Created the Uzbek software engineers community focused on preparing for FAANG coding interviews, growing it to over 750 members from junior to senior level, and holding algorithm challenges to improve members' problem-solving skills. [link](#)
- Created the LeetCode Uzbek software engineers community to help members improve their data structures, algorithms, and SQL skills, growing the group to over 250 members and fostering knowledge sharing and skill development. [link](#)
- Created an Uzbek community for .NET developers to facilitate knowledge sharing and learning, growing the group to over 75 members and fostering collaboration in .NET development. [link](#)

## Volunteering

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[Leetcode](#) – Remote, USA.

Jan 2023 – Present

### Tech Writer & Problem Solver

- Solved over 800 problems on data structures, algorithms, and databases using C# and PostgreSQL, significantly enhancing problem-solving and technical skills.
- Contributed 50+ high-quality solutions for C# and PostgreSQL problems, garnering over 50K views and aiming to assist and educate 5 million fellow programmers worldwide.
- Learned to analyze time and space complexity of different solutions and optimize them for better performance, enhancing algorithm efficiency.

**Programming languages:** C#, C, C++, Python, Java, JavaScript, TypeScript, SQL, HTML, CSS.

**Technologies:** Git, GitHub, Bootstrap, Entity Framework Core, ASP.NET Core, Angular, PostgreSQL, MS SQL, etc.