



ABDUKHOLIQOV HUSHNIDDIN

Aspiring Back-End
Developer



Contact

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Education

Bachelor in Information Technology Software Provision

Khujand State University by
name Bobojon Gafurov

Sep 2023 Present

Language

- Uzbek – Native
- Tajik – Fluent
- Russian – Intermediate
- English – Basic

Skills & Interests

- Web Development: HTML, CSS, JavaScript, Bootstrap
- Currently Learning: C#, ASP.NET Core Web API, MySQL, SQL Server, Entity Framework Core
- Tools: Visual Studio, Visual Studio Code, Git, GitHub, SQLyog, SQL Server Management Studio
- Core Interests: Algorithms, Data Structures, Object-Oriented Programming (OOP)
- Built several small personal projects using HTML/CSS/JS
- Actively participating in coding competitions and hackathons
- Currently learning English to improve communication and professional skills

Personal Interests:

- Chess: Multiple achievements in school and city-level tournaments
- Track and Field (Athletics): Participated and received awards in local competitions

Awards

- “Илм Фуруғи Маърифат” – Informatika Competition
 - 1st Place, Faculty Level – April 2024
 - 1st Place, University Level – May 2024
 - 1st Place, Faculty Level – March 2025
 - 1st Place, University Level – May 2025
- “Bonu Teach Hackathon”
 - Participant, January 24-26, 2025
- “FIN GROUP Cup” – IT Contest
 - 1st Place – May 2025
- “Ibn Sina Hackathon”
 - Participant, June 22-24, 2025
- “Young People for Sustainable Development”
 - Our team won a \$500 grant, June 25-30, 2025
- “Huawei Talent Development Flagship Project”
 - Certificate of Completion – August 8, 2025

Projects

AboutMe – Portfolio Website

Technologies: ASP.NET Core MVC (.NET 9), SQL Server, Entity Framework Core, HTML/CSS/JavaScript, Telegram.Bot

Developed a responsive personal portfolio website to showcase my professional background, technical skills, and online presence in an interactive and user-friendly format.

Key Features:

- Anonymous messaging feature via integrated Telegram bot
- Live Telegram group statistics with auto-refresh every 5 seconds
- Resume preview and download in PDF format
- Integrated social media links (GitHub, Instagram, etc.)
- Shareable public portfolio link

GitHub: https://github.com/abdukholiqovhusniddin/my_portfolio

Ecosystem – Environmental Platform (Hackathon Project)

Technologies: HTML5, CSS3, JavaScript, Yandex Maps API, Font Awesome

Status: Functional prototype completed during the hackathon.

Developed an interactive web platform to promote environmental awareness and support waste recycling in Tajikistan. Created during the Bonu Teach Hackathon in just 3 days.

Key Features:

- Interactive map with Yandex Maps integration showing recycling points
- Dynamic pricing system for recyclable materials (plastic, metal, paper, glass)
- Environmental organizations database with contact information
- Responsive design with modern UI/UX
- Geolocation services for locating nearby eco-points

CreateX Store – E-commerce Website (In Progress)

Technologies: HTML, CSS, JavaScript

Started this project to strengthen my skills in HTML, CSS, and JavaScript by building a responsive online fashion store website.

Key Features:

- Product categories and navigation
- Product display pages
- Shopping cart interface
- Mobile-responsive design

GitHub: <https://github.com/abdukholiqovhusniddin/CreatexShop>

Online School Journal System

The project was developed as a mini version within 2 days during a coding challenge. Although all features were planned, the implementation is not yet complete.

Technologies: ASP.NET Core MVC (.NET 9), SQL Server, Entity Framework Core, HTML/CSS/JavaScript, Bootstrap

Planning the development of a responsive school journal web application to manage students, teachers, subjects, grades, homework, and attendance. The system is intended to support multiple user roles and provide PDF reporting features.

Key Features:

- Role-based user login (Admin, Teacher, Student)
- Manage students, teachers, subjects, and classes
- Attendance and grade tracking system
- Homework assignment and follow-up (planned)
- Downloadable reports in PDF format (planned)
- Mobile-friendly user interface using Bootstrap (planned)

GitHub: <https://github.com/abdukholiqovhusniddin/OnlineJournal>

NotesApi – Personal Notes Management System

Technologies: .NET 9, C# 13.0, Entity Framework Core, SQL Server, JWT Authentication, Swagger/OpenAPI

Development Status: Production-ready RESTful API with comprehensive CRUD operations

Key Features:

- User Authentication & Authorization – Secure JWT-based authentication system with password hashing using BCrypt
- Notes Management System – Complete CRUD operations for personal notes with title, content, and categorization
- Category Organization – Hierarchical note categorization system with user-specific categories
- Database Integration – Entity Framework Core with SQL Server for robust data persistence
- API Documentation – Comprehensive Swagger/OpenAPI documentation with interactive testing interface
- Exception Handling Framework – Centralized error handling with custom exception types and structured error responses
- Repository Pattern – Clean architecture with repository and service layers for maintainable code structure
- User Profile Management – User registration, authentication, and profile management with secure password storage
- Real-time Validation – Input validation using Data Annotations and custom validation logic

System Architecture:

We have developed a comprehensive personal notes management API that provides secure user authentication, note organization, and category management. The platform implements clean architecture principles with proper separation of concerns, robust error handling, and comprehensive API documentation to streamline the note-taking experience.

Core Components:

- Controllers: RESTful API endpoints for Users, Notes, and Categories
- Services: Business logic layer with dependency injection
- Repositories: Data access layer with Entity Framework Core
- Models: Domain entities with proper relationships
- DTOs: Data transfer objects for API communication
- Middleware: Custom exception handling and authentication
- JWT Authentication: Secure token-based authentication system

Database Schema:

- Users: User accounts with username, email, and hashed passwords
- Notes: Personal notes with title, content, creation/update timestamps
- Categories: Note categorization system with user ownership
- BaseEntity: Common fields (Id, CreatedAt, UpdatedAt) for all entities

Security Features:

- BCrypt password hashing for secure credential storage
- JWT token-based authentication with configurable expiration
- Role-based authorization system (extensible)
- Input validation and sanitization
- Structured error responses without sensitive data exposure

GitHub: <https://github.com/abdukholiqovhusniddin/NotesApi.git>

ServiceCargo – Cargo Transportation Management System

Technologies: .NET 9, C# 13.0, Telegram Bot API, In-Memory Storage, Real-time Currency API

Development Status: Ongoing collaborative project (Team of 2 developers)

Key Features:

- Multilingual Support – Russian and Tajik interface with dynamic language switching
- Smart Price Calculator – Automatic cost estimation using real-time currency exchange rates
- Package Tracking System – Real-time shipment updates and delivery status notifications
- Telegram Bot Integration – Full-featured bot with session tracking and callback handlers
- User Profile Management – Personal dashboard with order history and auto-filled user info
- Warehouse Management – Database of warehouse addresses and contact details
- Error Handling System – Robust exception tracking and processing framework

We are developing a comprehensive system to automate cargo shipments from China to Tajikistan. The platform provides multilingual support, smart pricing, and complete Telegram bot functionality to streamline the logistics process.

HR System – Human Resources Management Platform (In Progress)

Technologies: .NET 9, C# 13.0, Entity Framework Core, SQL Server, JWT Authentication, Swagger/OpenAPI

Development Status: In Progress – Core HR functionalities are under active development.

Key Features

- Employee Management: Register employees, store and update their personal and professional information.
- Position & Department Management: Manage job positions and departments, organize and maintain the organizational structure.
- Recruitment Module: Automate the hiring process for new employees.
- Attendance & Leave Tracking: Monitor employee attendance and leave requests.
- Payroll Integration: Calculate salaries and manage payment processing.
- Role-Based Access Control: Manage user roles and permissions to ensure secure access.
- Reporting & Analytics: Generate HR statistics and analytical reports.
- Document Management: Store and manage employee-related documents securely.

System Architecture

The HR system is being developed to automate processes related to employees, positions, departments, attendance, leave, and payroll. It includes secure authentication, robust data protection, and role-based management to ensure controlled access and confidentiality.

Core Components

- Employee Module: Employee registration, data storage, and profile management.
- Department & Position Module: Organizational structure management.
- Recruitment Module: Hiring workflow automation.
- Attendance Module: Attendance and leave tracking.
- Payroll Module: Salary calculation and payroll management.
- Role Management: User roles, access levels, and permissions control.
- Reporting Module: Data reporting and analytics.

Security Features

- Secure authentication and authorization mechanisms.
- Role-based access control to protect sensitive data.
- Data validation, encryption, and protection measures.

Current Development Status:

The core modules are under active development, with functionalities being implemented and tested in phases. Additional features will be integrated progressively to enhance the system's capabilities.

GitHub: <https://github.com/abdukholiqovhusniddin/HR-System>

Abdukholiqov Husniddin Akmalbekovich

