



Emil Abdullayev, Full Stack Software Engineer

CONTACTS	O1	SUMMARY	O2
HTTPS://GITHUB.COM/ABDULLAYEVEMIL HTTPS://WWW.LINKEDIN.COM/IN/EMIL-ABDULLAYEV-846B832A5/ ABDULLAYEVEMIL27042006@GMAIL.COM HTTPS://WWW.TED.COM/PROFILES/46728446		I AM A 2ND YEAR COMPUTER ENGINEERING STUDENT AT BAKU HIGHER OIL SCHOOL(BHOS) AND A HIGHLY MOTIVATED AND DEDICATED COMPUTER ENGINEER. FIRST IN THE COUNTRY IN THE BLOCK UNIVERSITY ENTRANCE EXAM OF THE 2023 ADMISSION YEAR (400/400 POINTS), PRESIDENTIAL SCHOLAR. AS A COMPUTER ENGINEER I HAVE STRONG CONCEPTUAL UNDERSTANDING OF COMPUTER STRUCTURE, ALGORITHMS AND DATA STRUCTURES, COMPUTER ARCHITECTURE, AND HARDWARE AND SOFTWARE, WHICH I HAVE BEEN IMPLEMENTING IN NUMEROUS PROJECTS, HACKATHONS, AND OLYMPIADS. I AM A FLEXIBLE INDIVIDUAL ABLE TO WORK IN SMALL AND LARGE TEAMS, AND A FAST LEARNER WHICH HELPS ME TO QUICKLY UNDERSTAND AND IMPLEMENT REQUIRED LOGIC.	
SKILLS			O3
C#, .NET, ASP.NET, Blazor, WPF, WinForms		DevOps	
C		Containerization, Docker	
C++		Continuous Integration and Continuous Delivery	
Python		Nginx, IIS	
Low lever programming, microcontrollers programming		Java, SpringBoot	
Electronics, Arduino, ESP32, Hardware Engineering		Linux, Ubuntu	
UART, SPI, I2C, ESP32-NOW, HTTP(S), WebSocker communication protocols		Design Patterns	
JavaScript, JQuery, Node.js, React, Next.js, React Native		Code Refactoring and work on Legacy	
Sql, MySql, PostgreSql, MsSql, psql cli		System and network programming	
MongoDb, mongosh cli		Communication Protocols	
Caching, hybrid caching, Redis (redis cli)		Version control system (Git cli, GitHub, GitLab)	
Authentication & Authorization, JWT		REST API, JSON, Swagger	
HTML, XAML, CSS, Tailwind, Pug, Handlebars		Data Structures and Algorithms	
ORM (EF Core, Dapper, MongoDB driver, Mongoose)		OOP	
Decentralized file share networks, IPFS		Secure development, best practices	
Architectures (N-Layer, CQRS, DDD, Microservices)		Relational and non-relational databases	
Cloud services (Azure, AWS, GoogleCloud, DigitalOcean)		Teamwork (Agile methodology), Task distribution	
EXPERIENCE			O4
2023.11 - 2024.04			
TEDxBHOS – Baku, Marketing Communications Manager			
Developed and implemented marketing communications plans for products and services. Created customized campaigns to target specific customer segments. Designed promotional materials for social media platforms.			
2024.04 - Present			
TEDxBHOS – Baku, Board Member			
Collaborated with executive team members. Responsible for technical support, design, and multimedia editing/management. Monitored changes in technology to enhance organizational efficiency and competitiveness.			
2024.06 - 2024.09			
Enactus BHOS, Fullstack Developer & DevOps Engineer			
Developed a full web application using ASP.NET. Managed CRUD operations, Azure Blob storage for multimedia, and email-based ordering system. Created a Web API backend and Blazor WebAssembly frontend. Deployed on Google Cloud VM with nginx, established HTTPS communication, and obtained SSL certificates using Certbot.			
2024.09 - Present			
Miras – Social Entrepreneurship Platform, CTO			
Designed and developed the platform to support creatives with disabilities. Implemented backend infrastructure, multimedia hosting, and CMS features. The project secured 2nd place at Enactus Azerbaijan 2024.			
2024.06 - 2024.06			
Baku ID, Brella Staff & Volunteer			
Improved user networking through Brella Admin Panel. Sent event emails, push notifications, and analyzed user interaction data.			
2024.09 - Present			
CyberLP, Backend Developer and Software Architect			
Developed a secure REST API using Java Spring Boot framework. Engineered a blockchain and IPFS-based solution for decentralized file management. Engineered a file system, implemented CRUD over files and folders, as well as file share and role based file access control.			
2024.11 - Present			
SC4N, co-founder			
Built mobile and backend applications enabling users to scan barcodes for detailed food product insights. Features include account management, favorites, product search, and community networking.			
2024.11 - Present			
iTarla, Software Developer			
Built and maintained the iTarla mobile app and backend infrastructure. Established connection with metrics from sensors via firebase real-time database. Contributed to measurable outcomes: up to 70% water savings and 40% increased efficiency.			
2024.10 - 2025.03			
SYP(Society of young programmers), Programming Mentor			
Mentored BHOS students in programming on Python, algorithms, software development, and project execution.			
2024.10 - 2024.12			
ICPC(International Collegiate Programming Contest), Contestant			
Qualified for and participated in ⅙ and ¼ finals with a competitive programming team. Solved complicated algorithmic questions regarding data structures and algorithms.			
2025.04 - Present			
Empower Me Program, Participant			
Engaged in intensive entrepreneurial and leadership training with a focus on social impact, innovation, and inclusive technology. Developed a growth mindset and enhanced collaboration, pitching, and business development skills.			
2025.04 - Present			
IV Tusi – “Gələcək üçün bacarıqlar” Incubation program, Participant			
Participated in comprehensive entrepreneurial and leadership development, emphasizing social impact, innovation, and inclusive technology. Fostered a growth-oriented mindset while improving skills in collaboration, pitching, and business development.			
2025.01 - Present			
SmartGlasses - Teknofest Cyprus 2025 Finalist!, co-founder and CTO			
I will present this project on a global stage in Cyprus Teknofest 2025 as finalist, on May 1-4.			
Designed and developed SmartGlasses to assist with language translation and navigation for tourists and business travelers. Integrated a micro-projector for real-time text translation and a micro-camera for scanning written content. Incorporated Google Maps for navigation assistance, providing seamless support in unfamiliar environments. Utilized an OLED display and a heads-up display (HUD) to create an augmented reality (AR) effect. 3D printed the ergonomic frame for comfort and a custom fit, ensuring a practical and user-friendly design.			
2024.12 - Present			
TKTA(Təhsildə Keyfiyyət Təminatı Agentliyi), Software Developer			
Website Development – Designing and developing a dynamic website tailored to TKTA's needs, ensuring it is user-friendly and scalable. Admin Panel – Creating and implementing an admin panel for managing content, user permissions, and system settings, providing administrators with full control over the website's functionality. Video Call Integration – Developing and integrating video call functionality into the website, enabling real-time communication for users, such as students and educators, through video conferencing. SIMA Integration – Integrating the SIMA system for seamless data exchange and authentication within the website, ensuring compatibility with government standards and regulations.			
LANGUAGES			O5
English			C1 (IELTS 8.0)
Azerbaijani			Native
Russian			Native
EDUCATION			O6
2023-2028			
BAKU HIGHER OIL SCHOOL			
Computer Engineering			
ItStep Academy			
Software Development			
CERTIFICATIONS AND REWARDS			O7
Presidential Scholarship (2023) CPA: Programming essentials in C++ (2021) STEP IT Bootcamp on Python Fundamentals (2020) ELTS Band 8.0 (2024) TED Certificate of organizer (2024) Refactoring guru (2024) Microsoft: Develop an ASP.NET Core web app that consumes an API (2024) Baku ID 2024 IT volunteer COP 29 volunteers online training session completion Certificate of achievement – the 2024 ICPC qualification Certificate of achievement – the 2024 ICPC ¼ finals Finalist certificate, COP29 Global Green Innovation Challenge's Emerging Technologies Demo Day Event, powered by ABB Finalist invitation to Teknofest 2025 Cyprus to present my Hardware and Software integrated SmartGlasses Project			