Issam Basel Abushaban

Software Engineer | Human-Centered Designer | Automation & Data Engineering | .NET | SQL| C#

Iba10@pitt.edu | IssamAbushaban.com | linkedin.com/in/IssamAbushaban| Relocating to Richmond, VA

B.S. Computer Engineering | Minor in Bioengineering | University of Pittsburgh Class of 2022

Professional Summary

Proven full-stack software engineer with 3+ years of experience delivering cross-platform, enterprise software, leveraging APIs, and building libraries and automation tools using Python, C#, SQL, and .NET. Demonstrated success in building device-integrated backend services, enterprise tools, and internal APIs. Adept at solving hard problems, adapting quickly, and learning lightning fast. Driven to upgrade into cloud-native infrastructure and service-based architecture. Recognized as a get-it-done engineer who thrives in agile, collaborative environments.

Technical Skills

Languages/Frameworks: Python, C#, MAUI, Blazor, .NET Core, Java, SQL, TSQL VB.NET
Web & Cloud: HTML, CSS, JavaScript, TypeScript, Angular, Azure Fundamentals
Databases: MySQL, SQL Server, Database Design
Tools: Git, JIRA, Visual Studio, VS Code, Agile, SCRUM, Xcode, Linux
Other: Design Thinking, A/B Testing, BLE, NFC, RS232, REST APIs, Soldering, 3D Modeling, Adobe Suite
Certifications: Azure (In Progress), Angular (In Progress), ASP.NET (In Progress), React (In Progress)

Professional Experience

Software Engineer | Powercast Co | Oct 2023 – Present

- ♠ Led software, app development, and hardware prototyping efforts for BLE, DoS, RF product integration
- ♠ Designed cross-platform apps integrating BLE, NFC, OCR, and barcode scanning (.NET MAUI, iOS, Android)
- ♠ Built internal R&D tools controlling multi-device systems for RF testing automation (RS232, BLE, TCP, Motors)
- ♠ Reverse-engineered and rebuilt UHF reader control software (Linux, Windows, C#, Test Automation)
- ♠ Developed data automation backend for QA and manufacturing reporting system (C#, SQL, AppScript, SendGrid)
- ♠ Created desktop inventory management software backed by remote MySQL DB on virtual machine

Product Management Associate | Leverege LLC | Oct 2022 – Jun 2023

- ♠ Oversaw mobile app release cycles for IoT vehicle tracking platform, RecovR
- ♠ Worked with design, QA, and developer teams to define requirements and execute sprints
- ♠ Automated reporting tools and time tracking sheets to reduce manual effort

Software Engineering Co-Op | Mosebach Manufacturing Co | Sep 2019 – May 2022

- ♠ Developed full-stack QC software used to process tens of thousands of industrial units (VB.NET, SQL)
- ♠ Led A/B testing, software validation, and UI prototyping to improve throughput
- ♠ Built digitized QA tools and database automation pipelines for manufacturing data tracking

Food Pantry Director | ICP Food Pantry | 2022 – 2024

- ♠ Led a cross-functional team to develop a React-based client intake and data management web application.
- ♠ Oversaw app production and advised on testing and debugging
- ♠ Coordinated pantry operations, served as a liaison between volunteers, developers, and community partners
- ♠ Continuously improved both client and stakeholder engagement
- ♠ Enhanced organizational efficiency, streamlined service delivery, and elevated the client experience.