

Ali Younes

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EDUCATION

Northeastern University <i>Bachelor of Science in Computer Science</i>	Boston, MA Expected May 2027
<ul style="list-style-type: none">Relevant Coursework: Algorithms & Data Structures, Object-Oriented Design, Artificial Intelligence, Database Design, Programming in C++, Discrete Structures, Fundamentals of CS 1 & 2.Activities: Northeastern Wrestling, Powerlifting Club, Arab Student Association.	

EXPERIENCE

Philips <i>Software Engineering Co-op (System Integration)</i>	Cambridge, MA Jan. 2026 – Present
<ul style="list-style-type: none">Spearheading the automation of critical testing workflows for the PIC iX patient monitoring platform using PowerShell and C#, targeting a projected 85% reduction in test environment setup time.Leading system integration efforts across Windows, Linux, and DOS environments, ensuring software stability and compatibility for legacy and modern enterprise healthcare infrastructure.Streamlining the CI/CD pipeline by developing robust scripts to eliminate manual configuration errors, actively reducing technical debt and improving testing reliability for upcoming releases.	

Top Choice Realty <i>FrontEnd Developer Intern</i>	New York, NY Apr. 2024 – Aug. 2024
<ul style="list-style-type: none">Engineered and launched a full-stack client management web application using React, Python, and SQL, reducing average client lookup time by 85% (from 5+ minutes to 45 seconds) for 20+ office staff members.Created user-friendly interfaces with guided navigation and visual search tools, empowering non-technical agents to independently access 800+ client records, eliminating 90% of IT support requests.Optimized database queries and implemented caching mechanisms that accelerated data retrieval by 3x, saving the team 15+ hours weekly in administrative tasks and improving client response times by 60%.	

PROJECTS

Moops Bookstore Live Demo GitHub	Jun. 2025 – Oct. 2025
<ul style="list-style-type: none"><i>Tech Stack:</i> TypeScript, React, Node.js, MongoDB, AWSArchitected a full-stack TypeScript application with React 19 and Node/Express serving 100+ daily API requests; implemented JWT authentication and role-based admin controls for content moderation.Designed a RESTful API with 8+ endpoints integrated with MongoDB Atlas, featuring optimized Mongoose schemas for users, books, and reviews with relationship mapping.Deployed production-ready app to GitHub Pages and Heroku with automated CI/CD pipeline and health monitoring.	
Exerly Fitness Live Demo GitHub	Jun. 2025 – Oct. 2025
<ul style="list-style-type: none"><i>Tech Stack:</i> React, Express, PostgreSQL, Docker, JWTDeveloped a full-stack fitness platform managing 1000+ entries across 50+ users; built an Express API with PostgreSQL to perform comprehensive macronutrient analysis.Engineered an admin dashboard with system analytics and data oversight tools, utilizing secure JWT authentication with bcrypt password hashing.Designed a responsive glassmorphism UI using React hooks, CSS Grid/Flexbox, and a custom theme; deployed to GitHub Pages (frontend) and Heroku (backend).	

TECHNICAL SKILLS

Languages: TypeScript, C#, Python, Java, C++, SQL (PostgreSQL), PowerShell, Bash, JavaScript
Frameworks: React, Node.js, Express, .NET, React Router, Material-UI, Vite
Developer Tools: Git/GitHub, Docker, AWS, Linux, Windows, REST APIs, Jest/JUnit, JWT Auth, CI/CD