Leen Aboukhalil

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www.linkedin.com/in/leen-aboukhalil | https://leenaboukhalil.netlify.app | https://github.com/Leen-ak

SKILLS

- **Languages:** Java, C#, C++, JavaScript/TypeScript, SQL, HTML/CSS, Python (basic syntax)
- **Frameworks & Tools:** ASP.NET, Entity Framework, React, Vue.js, jQuery, Bootstrap
- **Tools:** Visual Studio, Azure, PowerShell, Git, GitHub
- **Databases & Backend:** SQL Server, REST APIs, JWT, JSON
- **Dev Practices:** OOP, Unit Testing, Debugging, UML, CI/CD, Design Patterns, MVC Pattern
- **Problem Solving:** Gained through debugging complex logic in academic and personal projects
- **Communication**: Collaborated with students, staff, and clients in technical environments
- **Team Collaboration:** Built through co-op work and mentoring students at Fanshawe
- **Attention to Detail:** Applied in UI validation, code accuracy, and data handling
- **Passionate Self-Learner:** Proactively expanded skills through hands-on learning and projects

PROJECTS

Chess Gambit Website | Full-Stack App   **Jan 2025 – In Progress**

Tech: ASP.NET, C#, SQL Server, JS, HTML/CSS, JWT, jQuery, JSON, Bootstrap, SignalR

- Using RESTful APIs for user authentication and social features using ASP.NET and SQL Server
- Implemented JWT-based session management following SaaS security patterns
- Built real-time chat with SignalR to support asynchronous communication across users
- Wrote unit tests for key API endpoints to ensure functionality and reduce regression issues
- Structured the application for scalability and future deployment on Microsoft Azure

Calendar Conversion Tool | C++ Project   **Sep 2024 – Nov 2024**

Tech: C++, OOP, Date Algorithms, Boost Tests, Input Validation

- Converted between Gregorian, Islamic, Hebrew, and Vulcan calendars using Julian Day
- Handled time-of-day precision and resolved multi-calendar offset discrepancies using unit tests

Student GPA & Transcript Program | Java Project   **May 2024 – June 2024**

Tech: Java, OOP, Input Validation

- Developed GPA and CGPA calculators using structured Java logic and robust input validation
- Displayed GPA/CGPA results and full course transcript in a clear, formatted output view

EDUCATION

Computer Programming and Analysis | Advanced Diploma   **Sep 2023 – Aug 2026**

Fanshawe College, London, Ontario

- 3.88 GPA, Achieved Dean's Honour Roll
- Relevant Courses: Object-Oriented Programming, Software Testing, Web Development, Data Structures and Algorithms, Database Management, Client/Server Application Development

Computer Networking | Diploma   **Sep 2020 – Sep 2022**

King Abdulaziz University, Saudi Arabia, Jeddah

- 3.97 GPA, Excellent-First Honors
- Certifications: Cisco CCNA (Routing & Switching, Wireless, Security), CyberOps Associate

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EXPERIENCE

IT System Assistance Co-op   **Feb 2025 – May 2025**
Ministry of the Solicitor General | London, Ontario

- o Prioritized and resolved IT support tickets using eSMT, including urgent issues during live courtroom sessions and remote trials
- o Diagnosed and fixed AV issues such as audio failures, echo, speaker problems, and display malfunctions in courtrooms
- o Investigated and restored network and hardware failures in the JVN system, including switch replacements and server connectivity fixes
- o Reimaged Windows 11 laptops for judges and staff, installed necessary software, and ensured proper configuration and security
- o Managed device inventory across multiple courthouse locations using Excel, Power BI, and Azure; tracked laptop assignments and coordinated vendor returns
- o Provided remote support to clients working from home and courthouse staff across Ontario
- o Attended tech review meetings with court leadership to document and evaluate microphone, camera, and network setups
- o Supported enterprise-scale IT infrastructure by troubleshooting critical systems and documenting fixes for internal knowledge sharing

Peer Mentor   **Sept 2024 – Dec 2024**
Fanshawe College | London, Ontario

- o Debugged real student projects by reviewing code, tracing logic and compiler errors, and helping implement clean, working solutions
- o Created unit tests for RESTful APIs in client-server assignments to catch edge cases and verify backend functionality
- o Broke down error causes and walked students through fixes, improving their understanding of debugging and testing strategies

Web Developer
Remark Zone – Remote   **May 2024 – Sep 2024**

- o Built and customized client websites using HTML, CSS, JavaScript, and Bootstrap, focusing on clean UI and responsive design across devices
- o Improved user experience by optimizing layout, accessibility, and performance for mobile and desktop views
- o Collaborated with clients to gather requirements and implement features that aligned with their brand and business goals
- o Resolved layout and functionality issues through hands-on debugging, testing, and iteration
- o Gained experience working in a fast-paced environment, balancing multiple web projects and deadlines simultaneously