| **Software Engineer**  Dan-Luk.com |  | **Dan Luk** | | | | (614) 546-8412  danluk1311@gmail.com |
| --- | --- | --- | --- | --- | --- | --- |
| **Technologies**   * JavaScript(ES6): * React / Redux * Node.js * Express.js * HTML/CSS * SQL/PostgreSQL * Python, C++, C   **TECHNICAL EXPERIENCE** | | | **Competencies**   * Web applications * Rest API * Red Hat Linux * Git & GitHub * Test-driven development * Data Structures * Algorithms | | **Concepts**   * Development lifecycles * Agile Methodology * Design patterns: * Façade * Builder * MVC | |
| **eCommerce store project**   * Integrated Stripe API for secure payments. Implemented HTTP POST request with JSON objects. * Utilized React Bootstrap for efficient DOM manipulation. Implemented shopping cart logic and sidebar. * Employed the Model-View-Controller design pattern to create a scalable and organized application. * Implemented custom React hooks to optimize code reuse and maintainability.   **Staff Database project**   * Configured a backend server for efficient handling of API routes. Implemented CORS middleware.   **Certification:** Full Stack Developer professional certification | | | | | | |
| **SKILLS** | | | |  | | |
| * Enthusiastic/quick learner * Creative problem solver * Strong communication / public speaker * Organizational strategy   **PROFESSIONAL EXPERIENCE** | | | | * End user obsession * Collaboration (team-first mentality) * Develops & Coaches strong leaders * Provides critical feedback | | |
| **Pastor**  **Leadership Team** |  | **Reliant** | | | | **2009 -2022** |
| * Built and cultivated donor relationships, resulting in over $1.2M in donations for the operational budget. * Developed an interactive database to maximize employee engagement with guests. | | | | | | |
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**EDUCATION**

| **The Ohio State University 2002 - 2008**   * M.S.E. in Aeronautical/Aerospace Engineering, Dec. 2008. * B.S.E. in Aeronautical/Aerospace Engineering, May, 2006 * Relevant Coursework and Technologies: Numerical Methods, MatLab, Fortran, Version Control, Linux | | | | | | |
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| **The Ohio State University Graduate Researcher 2006 - 2008**   * Published M.S.E. Thesis on Computational Fluid Dynamics Analysis Over Turbine Blades. * Deployed legacy Fortran code to implement numerical analysis and data structures. | | | | | | |