Software Engineer
Dan-Luk.com

DAN LUK

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Technologies	Competencies	Concepts
JavaScript:	Web applications	Development lifecycles
○ React / Redux	Rest API	Agile Methodology
○ Node.js	Git & GitHub	Design patterns:
○ Express.js	Test-driven development	○ Façade
HTML/CSS	Data Structures	○ Builder
SQL/PostgreSQL	Algorithms	○ MVC
Python, C++, C	Big O Time & Space	

TECHNICAL EXPERIENCE

eCommerce store project
- Purchase via Stripe API. Http post request with json object;
- DOM manipulation with React bootstrap; Shopping Cart logic; Shopping Cart sidebar.
- Model View Controller design pattern; Implemented custom react hooks.

Minion manager project
- Setup backend server for API routes; Body-parsing middleware; CORS middleware with cors package

Certification: Full Stack Developer professional certification

SKILLS

- Enthusiastic/quick learner
- Creative problem solver
- Strong communication / public speaker
- Organizational strategy
- End user obsession
- Collaboration (team-first mentality)
- Develops & Coaches strong leaders
- Provides critical feedback

PROFESSIONAL EXPERIENCE

Pastor   **Reliant**   **2009 -2022**
Leadership Team
- 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.

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

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.