Software Engineer
Dan-Luk.com

DAN LUK

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Technologies

- JavaScript:
  - React / Redux
  - Node.js
  - Express.js
- HTML/CSS
- SQL/PostgreSQL
- Python, C++, C

Competencies

- Web applications
- Rest API
- Git & GitHub
- Test-driven development
- Data Structures
- Algorithms
- Big O Time & Space

Concepts

- Development lifecycles
- Agile Methodology
- Design patterns:
  - Façade
  - Builder
  - MVC

Relevant Technical Experience: eCommerce store

- Features: Inventory populated with database; Shopping Cart sidebar; Purchase via Stripe API.
- Model View Controller design pattern. Implemented custom react hooks.

Certification: Full Stack Developer professional certification

SKILLS

- End user obsession
- Creative problem solver
- Strong communication / public speaker
- Organizational strategy
- Enthusiastic & curious learner
- 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.
- Launched a new branch in a new city and added 50 new members to our organization.
- Recruited, trained, and evaluated 40+ leaders in facilitating community groups to promote increased retention.

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.