
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.

Certification: Full Stack Developer professional certification**Technologies**

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

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

Technical project: eCommerce store project (2023)

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

EMPLOYMENT**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.

SKILLS

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