
Technologies

- JavaScript(ES6):
 - React / Redux
 - Node.js
 - Express.js
- HTML/CSS
- SQL/PostgreSQL
- Python, C++, C

Competencies

- Cloud platforms
 - AWS
 - Azure
- Web applications
- Rest API
- Red Hat Linux
- Git & GitHub
- Test-driven development

Concepts

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

TECHNICAL EXPERIENCE**ChatGPT powered Discord chatbot**

- Configured openAI API with Discord API to create chatbot

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.

2023 Bootcamp Certification: Full Stack Developer professional certification

SKILLS

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

PROFESSIONAL EXPERIENCE**Development Director****Reliant****2009 -2022**

- Built and cultivated donor relationships, resulting in over \$1.5M 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.