

---

### Technologies

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

### Competencies

- OpenAI
- Rest API
- Cloud platforms
  - AWS
  - Azure
- Agile Methodology
- Design patterns

### Soft Skills

- Bias for action
- Team-first mentality
- Enthusiastic/quick learner
- End user obsession
- Creative problem solver
- Organizational strategy
- Provides critical feedback

---

## PROFESSIONAL EXPERIENCE

### 2023 Bootcamp Certification: FullStack Software Developer

#### AI powered virtual Chatbot

- Configured openAI API with virtual chatbot
- Chatbot can help users answer questions, navigate the site, and guide them towards action steps

#### ChatGPT powered Tutoring app

- Configured openAI API learning app.
- AI suggests related categories for users to choose their own specific topics to dive into
- AI adapts to users' learning style and gets better at anticipating what the user is interested in

#### 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 context logic and sidebar.

---

### 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.