

## PROFESSIONAL EXPERIENCE

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### Software Engineer April - May 2023

Technology Service Corporation (TSC) - Bloomington, IN

- Provided software engineering expertise encompassing architecture design, integration, code automation, troubleshooting, and training to the Department of Defense (DoD) in vital areas such as High Voltage Detonators and Battery systems.
- Programmed in LabVIEW for data collection and testing. Quality Assurance Testing.

### Contract Software Developer May 2023

Ethervision - Remote

- Researched various AI powered chatbot options for stakeholders to evaluate
- Business Chatbot would use Natural Language Processing technology to communicate with customers
- Chatbot can help users answer questions, navigate the site, and guide them towards action steps

### Bootcamp project: eCommerce store January 2023

- 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.

### Pastor December 2008 - 2022

Reliant - Columbus, OH

- 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.

## SKILLS

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#### 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

## EDUCATION

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### 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.