

# JOHN KEARNEY

Web Developer

johnkearneydev@gmail.com • (614) 517-9783

Houston, TX • 77004

Portfolio



www.johnkearney.dev

github.com/JohnKearney2020

linkedin.com/in/johnkearneydev/

## EDUCATION

**Purdue School of Engineering and Technology**, Indiana University-Purdue University Indianapolis

May 2018

*Bachelor of Science – Mechanical Engineering*

**Immersive Full-Stack Web Development Coding Bootcamp**, DigitalCrafts, Houston, TX

January - May 2020

*Full Stack Web Development Certificate*

## WEB DEVELOPMENT PROJECTS – All projects listed are individual projects done solely by me

**Go Far – MERN full stack**

gofarapp.herokuapp.com

github.com/JohnKearney2020/goFar

- Outerwear retail website clone inspired by EddieBaurer.com.
- Built with Bootstrap, MongoDB, Mongoose, Express, React, Redux, and Node.js to be fully mobile responsive.
- Frontend and backend pagination serve the frontend only the data needed and no more.
- Authentication via bcrypt and authorization via JWT (JSON Web Tokens).
- CRUD operations include user registration, user profile editing, placing orders, adding to and deleting from the cart, wishlist, and saved for later list, viewing order history, updating inventory after successful orders, and more.
- Search functionality allows users to find products easily and quickly.
- Checkout process using the PayPal API.
- Google Maps API used for geocoding addresses in the backend and displaying maps in the frontend.

**MtG React Project – Frontend**

mtgreactproject.netlify.app

github.com/JohnKearney2020/mtgReactReduxProject

- Website for viewing and filtering all 20,000+ cards spanning the 28-year history of the *Magic: The Gathering* card game.
- Background images featuring iconic Magic artwork dynamically change based on sets selected by the user.
- Built with React, Redux, and CSS to be fully mobile responsive.

**Northstar Café – Frontend**

johnkearneyrest.netlify.app

github.com/JohnKearney2020/Restaurant-Design

- Restaurant website featuring menus, locations, reviews, signature dishes, and a functional contact form.
- Built with Bootstrap 4 to be fully mobile responsive with eye catching animations and transitions.

## WORK EXPERIENCE

**DigitalCrafts – Houston, TX – Developer in Residence**

July 2020 – October 2020

- Assisted students and provided guidance regarding issues related to learning web development.

**Barrios Technology – Johnson Space Center, Houston, TX – Visiting Vehicle Engineer**

June 2018 – December 2019

- Created and maintained an automated, user-friendly disposal data collection, verification, and comparison tool to aid NASA International Space Station short and long term flight planning using Excel and VBA.
- Improved, maintained, and added automated crew count calculations and trash projection curves to an existing International Space Station stowage and disposal projection tool for flight planning using Excel and VBA.
- MAPI Recognition Award for time-saving VBA based Excel tools for ISS trash projections.
- MAPI Recognition Award for ISS international docking adapter dimensional data assessment.

## INTERNSHIPS

**Ford Motor Company – Chicago, IL, Manufacturing Engineering Intern**

May 2017 – August 2017

**Rolls Royce – Indianapolis, IN, Manufacturing Engineering Purchasing Intern**

May 2016 – August 2016

**Subaru – Lafayette, IN, In-Process Quality Control Engineering Intern**

January 2016 – May 2016

**Sullair – Michigan City, IN, Manufacturing Engineering Intern**

May 2015 – August 2015

## LANGUAGES AND TECHNOLOGIES

HTML 5, CSS 3, Bootstrap 4, jQuery, JavaScript ES6, Google Maps API, EJS, Amazon Web Services, MongoDB, Mongoose, Node.js, Express.js, PostgreSQL, Postman, Sequelize, Python, VBA, React, Redux