

Stephen Kernan

Software Engineer in St. Louis, MO

My goal is to use my passion for learning and problem-solving to consistently improve while developing efficient solutions that contribute to the success of my team.

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GITHUB <https://github.com/stephen-kernan> | PORTFOLIO <https://stephen-kernan.github.io>

PROJECT EXPERIENCE

Stomping Grounds Coffee — React, Express, Node, MongoDB

- This application helps users discover new coffee shops and facilitates better connection between coffee shops and customers.
- Created REST API to empower coffee shops to manage their business profile, merchandise, coffee, etc.
- Utilized Google Maps API to geocode and store shop addresses and to geolocate customers for geospatial queries.
- Used Okta to manage user creation/authentication.
- Implemented react-bootstrap to facilitate a seamless experience on devices of any size.
- Currently integrating Stripe for secure payment processing.

Bandwagon NBA Website — Python, Django, Bootstrap, PostgreSQL

- A website for *The Bandwagon NBA*, a podcast I host with my brother-in-law.
- Utilized BeautifulSoup 4 to scrape player data on load.
- Incorporated AWS S3 Buckets to store user-uploaded images..
- Used Django-CKEditor to allow for rich-text input in posts.

Play-by-Play Data Scraper — Python, Python CSV, BeautifulSoup 4

- Used BeautifulSoup 4 to scrape large-scale NBA play-by-play data.
- Utilized Python CSV library to store data in CSV files for easy data migration, search, and analysis.

Recipe Book Application — JavaScript, React, Express

- Allows users to store, access, update, and delete recipes in a shared recipe book.

WORK EXPERIENCE

Financial Relationship Consultant — Regions Bank, Creve Coeur, MO

January 2018 - July 2020

- Led branch in sales for six consecutive quarters in 2019-20
- Attained highest customer satisfaction scores for two years

EDUCATION

LaunchCode - Accepted into Apprenticeship Program

Codecademy - Completed courses in Python, JavaScript, React, SQL, R, HTML, CSS, and Git — 2018-2020

Harding University - BA, Religious Studies

SKILLS

PROGRAMMING LANGUAGES/ LIBRARIES

- JavaScript
- MongoDB
- Express
- React
- Node
- Python
- Django
- HTML
- CSS
- SQL

TOOLS

- AWS S3
- Visual Studio Code
- Postman
- Mongo Shell
- Git/Github
- Terminal/CLI