Matthew Doak
Software Engineer

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🌐 Portfolio: github.com/doakmath/.github.io
○ Gitlab: gitlab.com/doakmath
📍 Austin, TX

TECHNICAL SKILLS

Programming Languages | Python 3, JavaScript ES6+, SQL, HTML5, CSS
System Design | Monoliths, Microservices, Domain-driven design, RESTful, FastAPI
Back-End | Django 4, PostgreSQL, MongoDB, CI/CD
Front-End | DOM manipulation, React, Redux

RELEVANT PROJECTS

Wellness Whale | Full Stack Engineer | gitlab.com/beluga-buddies/wellness-whale   Jan 2024

Tech Stack | Postgres, FastAPI, React, React-Calendar, Redux, Docker, Python, Javascript, Tailwinds. |

An application that allows a user to track their own well-being through a friendly display of meditations, journal entries, mood checkins, and water goals they self-determine when they sign up.
- Designed a user-friendly functional calendar using **React-Calendar library** to visually display & track data, fostering enhanced data visualization for users
- Leveraged Redux for efficient state management & **integrated React components to optimize communication with a Postgres database**
- Developed & implemented **FastAPI endpoints using Python** to streamline data retrieval processes

Car Dealership | Full Stack Engineer | gitlab.com/doakmath/car-dealership   Jan 2024

Tech Stack | Django, React, Docker, RESTful API, Insomnia, Paired Programming |

This application allows for the operation Sales, Inventory, and Service aspects of a Car Dealership
- Created a car dealership website utilizing **Docker**, **React**, **Django**, **Insomnia**, **JavaScript**, **HTML**, and **Bootstrap** to manage inventory, sales, customers, services, technicians, and salespeople
- Streamlined app integration process by creating and implementing a **poller** in **Python**

Shoes and Hats | Full Stack Engineer | gitlab.com/doakmath/shoes-and-hats   Jan 2024

Tech Stack | Django, RESTful API, React, Python, Javascript, Docker. |

A scalable application designed for database management of a collection of Shoes and Hats.
- Implemented a Micro-service design using Python, and Django for backend development & **React for frontend UI**
- Made a **Python-based data validation** to reduce errors & ensure comprehensive deletion of items across the system

PROFESSIONAL EXPERIENCE

Transformed Landscaping | Landscaper   May 2020 - Apr 2021
- Applied **sustainable design principles** to create eco-friendly landscapes with natural beauty & longevity
- Delivered 2-3 weekly jobs using welding equipment, prioritizing **quality based on customer feedback** for strong reputation

Einstein Moving Co | Mover   Jul 2018 - May 2020
- Efficiently managed client expectations to deliver move in **one day**, expertly coordinating teams when necessary
- Packed an average of **25+ boxes & furniture daily** using cellophane wrap, tape, packaging paper, & moving blankets

EDUCATION

Hack Reactor | Software Engineering Immersive Program   Jan 2024
- Coding training in JavaScript, React and Python in an Agile environment. Project-based curriculum that included solo coding, pair programming, and team collaboration.

Bachelors | Psychology   MMM 'YY - MMM 'YY
Michigan State University   East Lansing, MI