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 Nebraska

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 [briandweber.github.io](https://github.com/briandweber)

 <https://github.com/briandweber>

 <https://gitlab.com/briandweber>

Brian D. Weber

Full Stack Software Developer

TECHNICAL SKILLS

Programming Languages | Python 3, JavaScript ES6+, SQL, HTML5, CSS

System Design | Monoliths, Microservices, Domain-driven design, Message passing, Event sourcing

Back-End | Django 4, PostgreSQL, MongoDB, CI/CD | **Front-End** | DOM manipulation, React

RELEVANT PROJECTS

Gamester | Full Stack Engineer | <https://gitlab.com/gamester/module3-project-gamma> | FastAPI, React, Python3, HTML, CSS, RESTful URLs, Docker, Microservices, 3rd party APIs, Bootstrap

Feb '24

Full stack development of a web application for users to create and manage tournaments, list a venue for hosting, as well as registering users for tournament participation

- As part of a team of developers, crafted a front-end single page application to enhance user experience by facilitating backend API requests, **executed database queries**, & constructed SQL tables utilizing React, Python3, & SQL technologies
- Utilized **3rd party API requests** to provide location and mapping data for the use of tournament managers, venue owners, and participants
- Enhanced data security by implementing user registration & authentication using **JSON Web Tokens (JWT)**

Clinic Dash | Full Stack Engineer | <https://gitlab.com/briandweber/clinic-dash> | ReactJS, Django4, Python, Javascript ES6+, Docker, ORM PostgreSQL

Apr '24

Full-stack web application that provides a single point of reference day to day clinical and administrative employee data for use in internal office communications

- Responsible for entire app functionality using **Object Relational Mapping** for data storage and interaction
- Coded backend setup for **RESTful API** requests using **Python and Django**
- Used **ES6+ with React** for responsive frontend GHI to produce a user-friendly dashboard app for human resource reference and communication
- Employed domain driven design principles for app architecture

CarCar | Full Stack Engineer | <https://gitlab.com/briandweber/project-beta> | ReactJS, Django4, Python, Javascript ES6+, Docker, PostgreSQL

Mar '24

An automotive dealership management application for the creation, storage, and retrieval of sales, service, and inventory data

- **React-based** frontend components for creating automobile, model, and manufacturer information
- Designed and implemented backend **RESTful APIs** for user creation and listing of database inventory items for use across entire application
- Generated multiple frontend list and form components for the organization of dealership sales, sales associates, and customer inventory

PROFESSIONAL EXPERIENCE

Captain - Emergency Medical Services | Minden Fire & Rescue

Sep '19 - Present

- Operated as lead EMT for EMS, Fire and Rescue calls in the surrounding area as part of a 30 member department using trauma, medical, cardiology and pulmonology specific BLS skills for medical treatment and secure transport of patients
- Provided monthly maintenance training for department personnel for EMS psychomotor skills
- Authorized the certification of licenses of all department EMTs for CPR, AED, and BLS qualifications as required by state law

Lincoln Family Medical Group, PC | Healthcare Information Technology

Nov '07 - Jan '24

- Installed and deployed NextGen Office EHR for improved efficiency and compliance with national healthcare regulations
- Developed HIPAA compliant data strategies for all internal and external office voice, text, and web communications
- Maintained constant number of support staff to accommodate a **70% increase** in employed healthcare providers and associated patient demand

EDUCATION

Hack Reactor | Advanced Software Engineering Immersive Program

May '24

- Over 1000 hours of coding in Python and Javascript as part of training in an agile environment. Project based learning included solo coding, pair programming, and team collaboration.

University of NE - Lincoln | Economics - Bachelor of Arts

May '14

- Introduction to Computer Science I, II, Intermediate Macro/Microeconomics, Markets and Institutions, Calculus, Statistics, Physics