

Sisi Freeley

SOFTWARE DEVELOPER

ABOUT ME

My interest in programming was sparked during my experience as a pharmacist and witnessing the launch of an electronic health record at my previous place of work. I was very interested in how the software affected the users' experience and translated into patient safety and outcomes.

There are many aspects of pharmacy that I genuinely enjoyed and I believe will translate well into the software development process including problem-solving, working/communicating with a team, and continuous learning. Both my work and life experiences thus far have also made me a very adaptable person. I hope to bring these traits and more into the software development field where the possibilities are endless.

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github.com/sfreeley



sfreeley.github.io

EDUCATION

Nashville Software School

Full Stack Developer | May 2020 - present

University of Florida

Doctor of Pharmacy

University of South Florida

BS Biomedical Sciences

SOFTWARE EXPERIENCE

Software Development Bootcamp

Nashville Software School | May 2020 - present

This six month, full-time, rigorous software development course will cover both front-end development foundations, including a focus on HTML, CSS, and JavaScript, as well as server-side development foundations using C# and .NET stack.

- Individually created single page front end application capstone project using JavaScript and fundamental concepts of React Hooks
- Implemented full CRUD functionality on many individual and group projects through the use of modular JavaScript and C# with ASP.NET Core MVC
- Manipulated data relationships while utilizing JSON Server, SQL Server
- Acquired debugging skills, and improved upon organizational and problem-solving skills via multiple group and individual projects
- Actively learned team programming skills involving mastering usage of version control through use of Git, GitHub as well as remote team learning and programming in an agile work environment
- Utilized software development tools including ERDs, dependency graphs and wireframes during projects
- Utilized Reactstrap, Bootstrap, CSS, and semantic HTML
- Please see group projects on next page

INDIVIDUAL PROJECTS

TrackRx JavaScript | React | Reactstrap | Cloudinary

Front End | Capstone Project | August 2020

Inspired by my experience as a pharmacist, this single page application allows users to:

- View their patient-specific current medication list, historical medications as well as perform full CRUD functionality on each medication entry through the use of **React Hooks**
- Document drug name, dosage, dosage form, patient specific directions, indication, and patient specific notes all in one location.
- Input prescription numbers, refills (if applicable), last fill date and days supply; a calculated, running, real-time countdown (by days) until next refill date for each individual medication will be displayed
- Utilize search functionality to query for specific keywords pertaining to their medications, returning the pertinent medication entry
- Upload any image (ie bottle, pill picture, reminders) and attach it to their medication entry for future reference (made possible through **Cloudinary**)
- select pertinent health resource topics through the use of **health.gov external API**
- **Reactstrap** was used to implement each medication card, navigation bar and multiple modals, tabs, and popups.



github.com/sfreeley/front-end-capstone

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GROUP PROJECTS

Nutshell JavaScript | React | CSS

Front End | Group Project | August 2020

A social platform application that allows the user to interact with other users and communicate through posting public chats/messages, events, and articles, as well as viewing their own reminder tasks list. My personal contributions include:

- Full CRUD functionality of messages section and part of friends section achieved through utilizing extensive JavaScript with modular code using React Hooks

 github.com/nss-day-cohort-41/react-nutshell-the-hazelnuts

PROFESSIONAL EXPERIENCE

Pharmacist

Madigan Army Medical Center | July 2015-May 2019

Experienced and proficient with the following healthcare technologies:

- MHS Genesis: Department of Defense newly launched EHR
- CHCS: Unix based legacy EHR
- ScriptPro: Pharmacy automation/workflow management software and robotics including filling, verifying, and dispensing
- GSL: Prescription storage and tracking RFID technology

Responsibilities:

- Initiated Narcan dispensing to at-risk opioid patients according to Madigan Naloxone Protocol
- Presented in-services on pediatric medication dosing to Family Medicine providers
- Co-wrote 'New Employee CHCS training manual' for new employees
- Worked directly with providers as in-clinic pharmacist clarifying prescriptions and answering clinical questions
- Verified accuracy of adult and pediatric compounded medications
- Worked with inpatient pharmacist team to accurately and efficiently fill, dispense, and counsel on discharge medications
- Acted as Pharmacist In-charge at various outlying clinics
- Staying up-to-date on guidelines to best offer drug information and clinical recommendations to prescribers and patients
- Screened and prevented adverse drug reactions of dispensed medications
- Verified correct renal dosing and appropriateness of dispensed medications
- Contacted providers to resolve various prescription issues
- Worked in conjunction with clinical pharmacists to ensure dispensing of most optimal drug therapy and improved patient outcomes
- Facilitated improved communication between healthcare providers and patients at various clinics by streamlining pharmacy workflow and resolution of problems
- Counseling patients, inputting, filling, verifying, transferring prescriptions