

Nikhil Prasad

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Solutions-driven Software Engineer and former Pharmacist with 2+years of professional experience. Growth-minded, detail oriented, and results focused. Proven to utilize advanced communication skills to develop strong relationships across cultures and provide decisive team leadership in a fast-paced environment.

Education

General Assembly, Software Engineering Certification

January 2023

University of Texas at Tyler, Doctorate of Pharmacy

May 2020

Technical Skills:

- **Programming:** HTML, CSS, JavaScript, React, Angular, Redux, Tailwind, Bootstrap, Python, Django, SQL, Postgres, Typescript, Node.js, Express, Java, JUnit, Maven, Mocha, Chai, Git, GitHub.
- **Relevant Coursework:** Java Programming, Data Structures, Object Oriented Design, Database Management Systems, Information Security, Assembly Language Programming, Computer Organization and Architecture, Software Engineering Process Management, Enterprise Software Overview, Software Quality Testing

Project Experience:

- **ProShop** - E-Commerce application built from scratch using React and Django with a full featured shopping cart, product reviews and ratings, product search, user and administrative profiles, admin user management, checkout processing, and payment processing (PayPal/Credit Card). This application uses Redux for state management and JWT for authentication.
- **Planetarium** - React.js front-end application that displays NASA data and imagery to users. Users are able to interact with 3-D models, view Mars rover images, watch videos from the NASA image and video library, and view information about incoming asteroids. In addition, a Django back-end server handles user data, blog and forum posts, and image storage.
- **Nutri-Scan** - Web-based application developed for the European market that allows users to quickly search for health and nutrition information by food product. Users are shown a calculated nutrition score and warnings about allergens or ingredients. Data is derived from the Open Food Facts database and the application is built in React.js.
- **TravelBase** - React.js front-end application that allows users to search, store, and update travel information about vacation destinations. This application has full CRUD functionality using RESTful architecture with an Express/Mongoose/Node.js back-end.

Experience:

Junior Developer (Fellow)

September 2022 - Current

General Assembly, Remote

- Collaborated with software developers to build a web-based application in React.js with an Express/Node.js back-end. I served as the team leader/scrum-master for these projects.
- Applied knowledge in HTML, CSS, JavaScript, React, Angular, Python, Django, SQL, PostgreSQL, Typescript, Node.js, Express, Java, Mocha, Chai, Git, GitHub.
- Built and deployed 4+ responsive and robust web-applications using a React.js front-end with a Django/Python and Express/Mongoose/Node.js back-end. My recently published NASA application parses through large data-sets to appropriately visualize and display information to the user.

Staff Pharmacist

March 2021 - August 2022

Walgreens Pharmacy, Houston, TX - CVS Pharmacy, Corpus Christi, TX

- Collaborated with clinicians and scientists to interpret study results and ensure statistical interpretations are accurately and clearly reflected.
- Performed literature searches, evaluated data, maintained product knowledge, associated disease states, and treatment guidelines for assigned therapeutic areas.
- Assisted with scientific communication planning, including the development and creation of strategic medical communication plans to educate patients about new vaccines.