

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:

- **Languages & Frameworks:** JavaScript, Python, Java, TypeScript, HTML, CSS, SQL, React, Angular, Django, Node.js, Express, Tailwind, Bootstrap.
- **Tools & Technologies:** Git, GitHub, AWS, RDS, S3, JUnit, Maven, Mocha, Chai, PostgreSQL.
- **Concepts:** Object Oriented Design, Data Structures, RESTful Architecture, Software Quality Testing, Agile/Scrum Methodologies, API Development and Integration, Continuous Integration/Deployment (CI/CD), Responsive Web Design.

Project Experience:

- **[NBA Stats Explorer](#)** – Data modeling application that displays advanced basketball statistics using interactive charts and graphs. Users are able to explore data for any season they desire and interact with plot charts to remove and highlight data points most important to the user. Built using React and Django.
- **[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 frontend application that displays NASA data and imagery to users. Users can 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 backend server handles user data, blog and forum posts, and image storage.
- **[TravelBase](#)** – React frontend 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 backend.

Experience:

Junior Developer (Fellow)

September 2022 – Present

General Assembly, Remote

- Built and deployed 6+ responsive and robust web-applications using a React frontend with a Django/Python and Express/Mongoose/Node.js backends. My recently published NASA application parses through large data-sets to appropriately visualize and display information to the user.
- Applied knowledge in HTML, CSS, JavaScript, Java, React, Angular, Python, Django, SQL, PostgreSQL, Typescript, Node.js, Express, Mocha, Chai, Git, GitHub.
- Collaborated with software developers to build a web-based travel application in React with an Express/Node.js backend, serving as the team leader/scrum-master for these projects.

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.