

Nick Prasad

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Solutions-driven Software Engineer with 5+years of professional experience. Entrepreneurial spirit, 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 Program January 2023

University of Texas at Tyler, Doctorate Degree May 2020

Technical Skills:

- **Languages & Frameworks:** JavaScript, C#, Python, Java, TypeScript, HTML, CSS, SQL, Angular, React, Django, Node.js, Express, Tailwind, Bootstrap.
- **Tools & Technologies:** .NET Framework, Visual Studio, 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, Asynchronous Programming.

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.
- **[NBA Stats API](#)**– Comprehensive API that offers access to a wide range of NBA statistics. The API provides detailed data on NBA season and playoff totals, advanced statistics, shot chart data, and more, catering to the needs of both casual fans and professional analysts. Built with Django.

Experience:

Software Support Engineer June 2018 - Current

FocuzMindz Software, Sugar Land TX

- Assisted in bug fixing, feature development, and performance enhancement in various software products using JavaScript, Python, Java, TypeScript, HTML, CSS, SQL, React, Angular, Django, Node.js, and Express.
- Worked on API development and integration, incorporating the concepts of Object-Oriented Design, Data Structures, and RESTful Architecture.
- Participated in Agile/Scrum methodologies, routinely collaborating with software developers and stakeholders for sprint planning and retrospectives.
- Contributed to software quality testing, ensuring the developed software met all functional requirements.

Junior Developer (Fellow)

September 2022 – January 2023

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.
- 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