

## **Pranav Khismatrao**

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27<sup>th</sup> March 2023

Hiring Manager

**RTI**

Dear Hiring Manager:

I am writing to express my interest in the internship opportunity at RTI as advertised on your website. As a first-year graduate student pursuing a degree in Software Engineering at Northeastern University's College of Engineering, I believe that my skills and experiences align well with the requirements of this internship.

The opportunity to assist in the establishment of procedures and methods for a volunteer wetland monitoring program in North Carolina as an intern with RTI is very exciting. I am particularly drawn to the internship program because it offers the chance to work with a collaborative team of scientists, data technicians, and citizen scientists to achieve program goals. I am eager to learn more about different types of data sources and data collection methods and to evaluate and implement different methods of data visualization including third-party sources and direct coding.

As a software developer, I have extensive hands-on experience in full-stack development using front-end web technologies such as JavaScript, jQuery, NodeJS, and ReactJS, as well as backend technologies. Additionally, during my tenure at TCS, I have worked with a team of 20 people overall responsible for Designing, Scalability, maintainability, as well as Development using Agile Methodology. I have also enrolled in classes such as Object-Oriented Design, which includes topics such as Factory Design and SOLID Design Patterns, and Web Design User Experience engineering, which includes hands-on assignments on NodeJS, ReactJS, and Angular along with HTML CSS to develop rich UI with MongoDB as the database.

In addition to my technical skills, I have experience developing user-friendly and aesthetically pleasing web applications. I have worked on creating wireframes, storyboards, user flows, process flows, and site maps to communicate interaction and design ideas, and I have presented and defended designs to project team members. I have also implemented website design and tested and improved the design of the website.

I believe that my technical and interpersonal skills, combined with my enthusiasm for environmental conservation, make me an ideal candidate for this internship opportunity. I would appreciate the opportunity to further discuss my qualifications with you. Please feel free to call me at 857-693-1743 or email me at [khismatrao.p@northeastern.edu](mailto:khismatrao.p@northeastern.edu).

Thank you for your time and consideration.

Sincerely,

Pranav Khismatrao