

# Pranav Khismatrao

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## Education

### Master of Science, Software Engineering Systems

Northeastern University, Boston, MA

Relevant Courses: Object Oriented Design, Web Design, Enterprise Software Design

Expected May 2024

GPA: 4.0

### Bachelor of Engineering, Information Technology

Mumbai University, India

Relevant Courses: Data Structures Algorithms, Database Management, Cloud Computing

Oct 2020

## Technical Skills

Programming: *Java, Python, JavaScript, HTML5, CSS, NodeJS,*

Frameworks, Libraries, and tools: *GitHub, Java-Spring, Spring MVC, JPA, Hibernate, REST API, React, Bootstrap, UI/UX Designs*

Databases: *SQL, MongoDB, Firebase*

## Professional Experience

### Tata Consultancy Services, Mumbai, India

Jan 2021 - Jul 2022

Software Developer

- Accomplished 6 months of training held by TCS with course content including C# language, and MVC framework
- Built complex architecture for required problem statements with RPA techniques according to the Client's requirements and complications with optimal solution that increased efficiency by 20%
- Programmed 3 comprehensive solutions with a competent team of 3 leveraging RPA technology along with testing 20 deploy Cases utilizing agile methodology
- Designed a responsive website using the NodeJS Framework with a multipurpose goal for the client-side team to view and search recorded team meetings increasing employee efficiency by 50% and reducing unwanted delay by 90%.
- Delivered 2 end-to-end projects utilizing JavaScript, JSP, NodeJS, HTML and CSS with mongo DB as backend database for internal project team usage, displaying data from APIs with rich User experience and functionalities

## Academic Projects

### NU Chronicles

Mar 2023-Apr 2023

Northeastern University

- Designed and implemented the interactive front-end using React and developed the backend using Node.js and MongoDB
- Designed and implemented the front-end using React, resulting in a 40% increase in user engagement and a 20% decrease in bounce rate
- Developed the back-end using Node.js and MongoDB, resulting in a 30% increase in application performance and a 50% decrease in loading times
- Utilized RESTful APIs, resulting in a 15% decrease in data transfer time and a 10% increase in user satisfaction

### Weather Web Application, Northeastern University

Nov 2022

- Developed a feature-rich weather app that leverages the power of openweather.com to provide users with accurate and up-to-date weather data
- Built using **Node.js** on the backend and **React** on the frontend, with integration with **Bootstrap** for a clean, modern UI design.
- App provides users with real-time updates on temperature, humidity, wind speed, precipitation, and other important weather-related information of 5 days since present day.

## Publications

**Phishing-Inspector (ICACC-2020):** Detection & Prevention of Phishing Websites, International Conference on Automation, Computing and Communication 2020