**Pranav Khismatrao**

Boston, MA • 8576931743 • [khismatrao.p@northeastern.edu](mailto:khismatrao.p@northeastern.edu) • linkedin.com/in/pranavkhismatrao/

**Education**

**Master of Science, Software Engineering Systems** **Expected May 2024**

Northeastern University, Boston, MA **GPA: 4.0**

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

**Bachelor of Engineering, Information Technology** **Oct 2020**

Mumbai University, India

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

**Technical Skills**

**Programming languages:**  Java, Python, JavaScript

**Web Technologies:** HTML5, CSS, JavaScript, Bootstrap, Java Servlet Programing

**Frameworks:** NodeJS, .Net MVC, Android, Spring MVC, Spring Boot

**Soft Skills:** Time Management, Organizational skills, Communication, Teamwork, Decision Making skills, Problem-solving skills  
**Databases:** SQL, Mongo DB, 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**

**CRM for Bank (Object Oriented Design Project) Nov 2022-Dec 2022**

* Created a centralized system that allows customers to register and open accounts in a bank branch as well as credit and debit certain amounts according to business rules
* Utilized **Java** as the backend technology, **Micronaut** as the **API creation** framework following **Factory design pattern** for better performance and code efficiency and **Aerospike** as NoSQL real-time database
* JavaScript was utilized to call APIs on the backend while HTML, CSS, and Bootstrap were used to build the frontend
* Employing the same backend but a **JavaFX** user interface, a Relationship Manager-facing application that would serve as software in a bank branch was built

**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