# Pranav Khismatrao

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## EDUCATION

**Master of Science**                                                            2022 – 2024 | Boston, USA
*Northeastern University*
  Relevant Courses: Object Oriented Design, Web Design, Enterprise Software Design

**Bachelor of Engineering**                                                   2016 – 2020 | Mumbai, India
*University of Mumbai*
  Relevant Courses: Data Structures Algorithms, Database Management,

## SKILLS

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

**Frameworks, Libraries, and tools:** *GitHub, Java-Spring, Spring MVC, JPA, Hibernate, REST API, React, Microservices, Kafka*

**Databases**: *SQL, MongoDB, Firebase*

## PROFESSIONAL EXPERIENCE

**Software Developer**                                                    Jan 2021 – Jul 2022 | Mumbai, India
*Tata Consultancy Services*
- Programmed 3 comprehensive solutions with a team of 3 leveraging RPA Technology along with 20 deploy cases utilizing Agile Methodology
- Designed a responsive website using the Spring MVC Framework with a multipurpose goal for the client-side team to view and search recorded t4eam meetings increasing employee efficiency by 50% and reducing delay by 90%
- Developed and improved internal company applications using Thymeleaf for dynamic frontend and Spring MVC as Backend
- Developed Kafka clients in Java, Scala, Python, or other languages, using Kafka APIs, libraries, or frameworks such as Kafka Streams, Kafka Connect, or Confluent Platform

## PROJECTS

**CRM for Bank (Object Oriented Design Project)**                          **Oct 2022 – Dec 2022**
*Developed at Northeastern University*
- 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 implementing Object Oriented Design Principles, **Micronaut** as the API creation framework following Factory design pattern for better performance and code efficiency, and Aerospike as NoSQL real-time database
- Leveraged JavaScript AJAX calls to make API Requests on the backend while HTML, CSS, and Bootstrap were used to build the frontend

**Online Movie Booking System**                                                    Mar 2023-Apr 2023
*Northeastern University*
- Developed an Online Movie Booking system using Java Spring Boot framework, Hibernate applying DAO Pattern to access Data from SQL Database.
- Implemented RESTful APIs for seamless communication between the front-end and back-end systems, resulting in a 40% improvement in API response time and data transfer efficiency.
- Utilized Spring Security for authentication and authorization of users, ensuring a secure and reliable user experience with a 95% reduction in unauthorized access attempts.

## PUBLICATIONS

**Phishing-Inspector: Detection & Prevention of Phishing Websites**         **Jul 29, 2020**
*International Conference on Automation, Computing and Communication 2020(ICACC-2020)*