

Pranav Khismatrao

📍 Boston, USA ✉ khismatrao.p@northeastern.edu ☎ +18576931743 📁 Portfolio [in LinkedIn Profile Link](#)

EDUCATION

Master of Science

Northeastern University

2022 – 2024 | Boston, USA

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

Bachelor of Engineering

University of Mumbai

2016 – 2020 | Mumbai, India

Relevant Courses: Data Structures Algorithms, Database Management,

SKILLS

Programming: [Java](#), [C#](#), [Python](#), [JavaScript](#), [HTMLS](#), [CSS](#), [NodeJS](#),

Frameworks, Libraries, and tools: [GitHub](#), [.NET Framework](#), [Java-Spring](#), [Azure DevOps Tools](#), [REST API](#), [React](#), [Microservices](#), [Kafka](#)

Databases: [SQL](#), [MongoDB](#), [Firebase](#)

PROFESSIONAL EXPERIENCE

Software Developer

Tata Consultancy Services

Jan 2021 – Jul 2022 | Mumbai, India

- 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 team 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 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)