Pranav Khismatrao

[](mailto:khismatrao.p@northeastern.edu)[](https://pranav014.github.io/Portfolio.github.io/)[](https://www.linkedin.com/in/pranav-khismatrao-61592186/) Boston, USA [khismatrao.p@northeastern.edu](mailto:khismatrao.p@northeastern.edu) +18576931743 [Portfolio](https://pranav014.github.io/Portfolio.github.io/) [LinkedIn Profile Link](https://www.linkedin.com/in/pranav-khismatrao-61592186/)

# EDUCATION Northeastern University, Boston, MA Expected May. 2024

***Master of Science in Software Engineering Systems* GPA: 3.69/4.0**

***Relevant courses:*** *Object Oriented Design, Web Design, Enterprise Software Design*

# University of Mumbai, India May 2020

***Bachelor of Engineering, Information Technology***

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

# TECHNICAL SKILLS

# *Programming: Java, Python, JavaScript, HTMLS, CSS, NodeJS*

# *Frameworks, Libraries, and tools: GitHub, Java-Spring, Spring MVC, ReactJS, REST API, Microservices*

# *Cloud Technologies: Kubernetes, Docker, AWS, CI/CD, Jenkins*

# *Databases: SQL, MongoDB, PostgreSQL, Aerospike*

# EXPERIENCE

**Tata Consultancy Services, Maharashtra**, India **Jan. 2021 - July 2022**

*Software Developer*

* Collaborated with team lead to build internal company applications using **Thymeleaf** for Frontend and **Spring boot** as Backend to develop **REST APIs**, resulting in 60% reduced time.
* 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%
* Resolved critical production bugs within **9 hours**, reducing downtime by **60%** and improving customer satisfaction
* Programmed 3 comprehensive solutions with a team of 3 leveraging RPA Technology along with 20 deploy cases utilizing Agile Methodology

**Sudesi Infotech,** Mumbai, India **Aug. 2019 – Sept. 2019**

*Android Developer Intern*

* Developed intuitive and user-friendly front-end screens for Android applications using Android Studio, contributing to the overall user experience.
* Actively worked with 2 teams to understand and implement project requirements, wireframes, and design specifications.
* Collaborated with the back-end team on 2 projects to integrate front-end screens with the server-side functionality

# ACADEMIC PROJECTS

**Online Movie Booking System|** Spring Boot, Hibernate, SQL, Java, Security, REST API **Mar. 2023 - Apr. 2023**

*Enterprise Software Design, 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.
* Programmed front-end using modern web technologies (**HTML, CSS, Bootstrap, JavaScript**) combined with thymeleaf

**CRM for Bank** |Java, Micronaut, RESTful APIs, NoSQL, Aerospike **Nov. 2022 - Dec 2020**

*Object Oriented Design Subject, 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

**NU Chronicles****Nov 2022 – Dec 2022**

*Web Design and User Experience, Northeastern University*

* Designed and implemented the interactive front-end using React and developed the backend using Node.js and MongoDB
* Engineered the back-end using Node.js and MongoDB applying best practices, 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

# ACADEMIC PUBLICATIONS

**Phishing-Inspector (ICACC-2020):** July 2020, **DOI:** <https://doi.org/10.1051/itmconf/20203203004>