

# Pranav Khismatrao

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## 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** 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>