

# Pranav Khismatrao

📍 Boston, USA   ✉ khismatrao.p@northeastern.edu   ☎ (857) 6931743   📁 Portfolio   🔗 LinkedIn Profile Link

## EDUCATION

<b>Northeastern University, Boston, MA</b> <b>Master of Science in Software Engineering Systems</b> <i>Relevant courses: Object Oriented Design, Web Design, Enterprise Software Design</i>	Expected May 2024 <b>GPA: 3.69/4.0</b>
<b>University of Mumbai, India</b> <b>Bachelor of Engineering, Information Technology</b> <i>Relevant Courses: Data Structures Algorithms, Database Management, Cloud Computing</i>	<b>May 2020</b>

## 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

<b>Software Developer</b> <i>Tata Consultancy Services, India</i>	<b>Jan 2021 - Jul 2022</b>
<ul style="list-style-type: none"><li>Collaborated with team lead to build internal company applications using <b>Thymeleaf</b> for Frontend and <b>Spring boot</b> as Backend to develop <b>REST APIs</b>, resulting in 60% reduced time.</li><li>Designed a responsive website using the <b>Spring MVC Framework</b> 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%</li><li>Resolved critical production bugs within <b>9 hours</b>, reducing downtime by <b>60%</b> and improving customer satisfaction</li><li>Programmed 3 optimal solutions with team of 3 leveraging RPA Technology with 20 deploy cases utilizing Agile Methodology</li><li>Led team of three in developing dynamic web portal, cutting lag time by 50% and doubling operational efficiency</li><li>Delivered 2 end-to-end projects utilizing JavaScript, JSP and NodeJS with mongo DB as backend, displaying data from APIs with rich User experience and functionalities using visual Studio, IntelliJ</li><li>Accomplished 6 months of training held by TCS with course content including C# language, and MVC framework</li></ul>	
<b>Android Developer Intern</b> <i>Sudesi Infotech, India</i>	<b>Aug 2019 – Sep 2019</b>
<ul style="list-style-type: none"><li>Developed intuitive and user-friendly front-end screens for Android applications using Android Studio, contributing to the overall user experience.</li><li>Actively worked with 2 teams to understand and implement project requirements, wireframes, and design specifications.</li><li>Collaborated with the back-end team on 2 projects to integrate front-end screens with the server-side functionality</li></ul>	

## ACADEMIC PROJECTS

<b>Online Movie Booking System   Spring Boot, Hibernate, SQL, Java, Security, REST API</b> <i>Enterprise Software Design, Northeastern University</i>	<b>Mar 2023 - Apr 2023</b>
<ul style="list-style-type: none"><li>Developed an Online Movie Booking system using Java <b>Spring Boot</b> framework, <b>hibernate</b> applying DAO Pattern to access Data from SQL Database.</li><li>Implemented <b>RESTful APIs</b> for seamless communication between the front-end and back-end systems, resulting in a 40% improvement in API response time and data transfer efficiency.</li><li>Programmed front-end using modern web technologies (<b>HTML, CSS, Bootstrap, JavaScript</b>) combined with thymeleaf</li></ul>	
<b>CRM for Bank   Java, Micronaut, RESTful APIs, NoSQL, Aerospike</b> <i>Object Oriented Design Subject, Northeastern University</i>	<b>Nov 2022 - Dec 2020</b>
<ul style="list-style-type: none"><li>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</li><li>Utilized <b>Java</b> as the backend technology implementing Object Oriented Design Principles, <b>Micronaut</b> as the <b>API creation</b> for better performance and code efficiency and <b>Aerospike</b> as <b>NoSQL</b> real-time database</li></ul>	
<b>NU Chronicles   React, JavaScript, Bootstrap, NodeJS, MongoDB</b> <i>Web Design and User Experience, Northeastern University</i>	<b>Nov 2022 – Dec 2022</b>
<ul style="list-style-type: none"><li>Designed and implemented the interactive front-end using React and developed the backend using Node.js and MongoDB</li><li>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</li><li>Utilized RESTful APIs, resulting in a 15% decrease in data transfer time and a 10% increase in user satisfaction</li></ul>	

## ACADEMIC PUBLICATIONS

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