**Pranav Khismatrao**

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**EDUCATION**

**Master of Science, Software Engineering Systems** **Expected May 2024**

Northeastern University, Boston, MA **GPA: 3.69/4.0**

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

**Bachelor of Engineering, Information Technology** **Oct 2020**

Mumbai University, India

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

**TECHNICAL SKILLS**

**Programming Languages:** Java, Python, JavaScript, C, SQL

**Web Technologies:** Spring MVC, Spring Boot, Node.js, React.js, HTML, CSS, JSON, Servlet, REST API

**Software/Tools:** IntelliJ, Visual Studio Code, GitHub, JIRA, Confluence, Microsoft Office suite

**Database:** SQL, Aerospike, MongoDB

**Professional Experience**

**Tata Consultancy Services**, Mumbai, India **Jan 2021 - Jul 2022**

Software Developer

* Accomplished 6 months of training held by the organization with course content including **C# language, and MVC framework**.
* •Built complex architecture for required problem statements with RPA techniques according to the Client's requirements and complications with an optimal solution that increased efficiency by 20%
* •Programmed 3 comprehensive solutions with a competent team of 3 leveraging RPA technology along with testing 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 unwanted delay by 90%.
* •Developed and improved internal company applications using **Thymeleaf** for Frontend and **Spring boot** Backend.

**ACADEMIC PROJECTS**

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

* 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

**Online Movie Booking System|** Spring Boot, Hibernate, SQL, Java, Spring Security, REST API

*Northeastern University* **Mar 2023 – Apr 2023**

* •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.

**PUBLICATIONS**

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