Pranav Khismatrao

📍 Boston, USA ✉ khismatrao.p@northeastern.edu 📞+18576931743 ⚐ Portfolio in LinkedIn Profile Link

EDUCATION

Master of Science   **Sept 2022 – Apr 2024 | Boston, USA**
Northeastern University
    Relevant Courses: Object Oriented Design, Web Design, Enterprise Software Design

Bachelor of Engineering   **Aug 2016 – Oct 2020 | Mumbai, India**
University of Mumbai
    Relevant Courses: Data Structures Algorithms, Database Management,

SKILLS

Programming: *Java, Python, JavaScript, HTML5, 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, Firestore*

PROFESSIONAL EXPERIENCE

Software Developer   **Jan 2021 – Jul 2022 | Mumbai, India**
Tata Consultancy Services
- 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 upgraded internal company applications utilizing **Spring boot** as the backend and Thymeleaf as the dynamic frontend.
- Developed Kafka clients in Java to handle over 100,000 messages per day using **Kafka** APIs and frameworks such as Kafka Streams

PROJECTS

CRM for Bank (Object Oriented Design Project)   **Oct 2022 – Dec 2022 | Boston, USA**
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.
- Improved system performance by 30% and accelerated transaction processing, by using Java**, Micronaut**, and **Aerospike** NoSQL 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
- Built robust system using Spring boot, **Hibernate**, reducing its response time by 50% through code optimization and database indexing, resulting in enhanced user experience and customer satisfaction.
- 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)