Pranav Khismatrao

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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, JPA, Hibernate, REST API, React, Microservices, Kafka*

Databases: *SQL, MongoDB, Firebase*

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, libraries, or frameworks such as Kafka Streams, Kafka Connect, or Confluent Platform

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.
- Leveraged Hibernate ORM for object-relational mapping and efficient database operations, resulting in a 15% reduction in database management overhead and improved data integrity.

PUBLICATIONS

Phishing-Inspector: Detection & Prevention of Phishing Websites   **Jul 29, 2020**
International Conference on Automation, Computing and Communication 2020 (ICACC-2020)