

Pranav Khismatrao

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EDUCATION

Master of Science

Northeastern University

2022 – 2024 | Boston, USA

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

Bachelor of Engineering

University of Mumbai

2016 – 2020 | Mumbai, India

Relevant Courses: Data Structures Algorithms, Database Management,

SKILLS

Programming: *Java, Python, JavaScript, HTMLS, CSS, NodeJS*

Frameworks, Libraries, and tools: *GitHub, Java-Spring, Spring Boot, JPA, Hibernate, REST API, Maven, Android Application Development*

Databases: *SQL, MongoDB, Firebase*

PROFESSIONAL EXPERIENCE

Software Developer

Tata Consultancy Services

Jan 2021 – Jul 2022 | Mumbai, India

- 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 improved internal company applications using Thymeleaf for dynamic frontend and Spring boot Backend
- Delivered 2 end-to-end projects utilizing JavaScript, JSP, and NodeJS with MongoDB as the backend database for internal project team usage, displaying data from APIs with rich User Experience and functionalities using Visual Studio

PROJECTS

CRM for Bank (Object Oriented Design Project)

2022 – Dec 2022

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.
- 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
- 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

- 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.
- 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)