Pranav Khismatrao

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# EDUCATION

## Master of Science

*Northeastern University*

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

## Bachelor of Engineering

*University of Mumbai*

Relevant Courses: Data Structures Algorithms, Database Management,

2022 – 2024 | Boston, USA

2016 – 2020 | Mumbai, India

# SKILLS

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

**Frameworks, Libraries, and tools:** *GitHub, Java-Spring, Spring MVC, Flask, REST API, React, Microservices, Kafk*

**Databases:** *SQL, MongoDB, Firebase, PostgreSQL*

# 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 improved internal company applications using HTML, CSS, Bootstrap for frontend and Flask Framework as Backend
* Developed Kafka clients in Python, using Kafka APIs, libraries, or frameworks such as Kafka Streams, Kafka Connect, or Confluent Platform

# PROJECTS

## Phishing Inspector Oct 2022 – Dec 2022 *Developed at Mumbai University*

* Built a web browser extension that can identify phishing websites in response to the issue that many internet users encounter.
* Modeled machine learning algorithm leveraging Python that provides 90% accuracy to detect already declared phishing websites from imperative dataset and predict new potential Phishing websites
* Skills Gained – Python, Web Extension development, Machine Learning Algorithms

## 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)*](https://doi.org/10.1051/itmconf/20203203004)