

Pranav Khismatrao

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

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: [Python](#), [R](#), [JavaScript](#), [HTMLS](#), [CSS](#), [NodeJS](#),

Frameworks, Libraries, and tools: [GitHub](#), [MATLAB](#), [Manual Testing](#), [PowerBI](#), [Tableau](#), [Talend](#),

Databases: [SQL](#), [MongoDB](#), [Firebase](#), [PostgreSQL](#)

PROFESSIONAL EXPERIENCE

Data Validation Analyst

Tata Consultancy Services

Jan 2021 – Jul 2022 | Mumbai, India

- Responsible for creating and maintaining Manual and Automated test Suites for the major feature of Project
- Ensured the accuracy, completeness, and reliability of data within the organization
- Implemented validation procedures and protocols to verify the accuracy and completeness of data. This may involve creating validation rules, conducting data comparisons, and performing statistical analysis to identify anomalies or patterns.
- Maintaining detailed documentation of validation processes, findings, and resolutions. Data validation analysts often create reports summarizing data quality metrics, anomalies, and recommendations for improvement
- Working closely with cross-functional teams, such as data scientists, data engineers, and business analysts, to understand data requirements and validate data models, algorithms, or reports. Effective communication and collaboration skills are essential to address data quality issues and coordinate remediation efforts.

PROJECTS

Phishing Inspector

Developed at Mumbai University

Oct 2022 – Dec 2022

- 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
- Constructed comprehensive documentation of data validation processes, protocols, and validation rules

Online Movie Booking System

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.
- 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[🔗]

International Conference on Automation, Computing and Communication 2020(ICACC-2020)

Jul 29, 2020