

# Prathamesh Mohan Malage

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• [github.com/prathameshmalage](https://github.com/prathameshmalage) • [prathameshmalage.github.io/main](https://prathameshmalage.github.io/main)

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## EDUCATION

**University of Maryland, Robert H. Smith School of Business**  
**Master of Science**, Major: Information Systems, GPA: 4.0

**College Park, MD, USA**  
Dec 2022

**Mumbai University, Rajiv Gandhi Institute of Technology**  
**Bachelor's in Engineering**, Major: Electronics and Telecommunication, GPA: 3.7

**Mumbai, MH, India**  
Oct 2020

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## TECHNICAL SKILLS

- Programming Languages and Frameworks: Python, R, SQL, HTML, JavaScript, CSS, NodeJS, NoSQL, JSON, git, Agile
- Tools: Tableau, Google Analytics, R studio, Microsoft Office, Microsoft SQL Server Management Studio, PostgreSQL, Cisco Packet Tracer, GitHub, Google Suite, Salesforce, Postman
- Core Skills: Data Visualization, Data Processing, Business Intelligence, Relational Databases, Pivot Tables, Cloud Concepts

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## PROJECT EXPERIENCE

**Data Processing and Visualization: Song Recommendation System** (Python, Jupyter, NumPy, Pandas, requests, seaborn, matplotlib)

- Collaborated with a team of five to analyze Spotify users' listening habits by leveraging playlist data and API calls
- Collected data from 1,000 playlists (65,000 songs) to visualize factors affecting playlist/song choice and optimized recommendation system; performed explanatory analysis to understand what makes a track popular
- Recommended a playlist of 10 songs by leveraging cosine similarity

**Database Design and Development – Feed The Turtle** (SQL Server Management Studio, Tableau)

- Partnered with a team of 3, gathered inspection data of restaurants in Silver Spring
- Designed a robust database by creating ER model, relational schema, and normalization
- Established the best restaurants near College Park area and visualized clusters of area using Tableau that had most violations resulting in better healthy and safer eating options for student community

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## WORK EXPERIENCE

### Software AG

**Mumbai, MH, India**

**R&D – Consultant** (January 2021 – May 2021)

July 2020 – May 2021

- Developed project management bots for Cisco, resulting in increased productivity, and reduced latency.
- Predicted growth of approximately 15% in customers using bots by end of 2021 and visualized it using Excel.
- Trained interns and facilitated in onboarding process along with being first point of contact.

**Intern** (July 2020 – December 2020)

- Debugged and solved 90% of issues faced by customers through support tickets and was the first point of contact.
- Presented data, formulated for Cisco team, and presented to showcase number of people utilizing 50 bots monthly resulting in Cisco getting better insights about their customers

### i-TEMCLAB

**Mumbai, MH, India**

**Intern**

July 2019-August 2019

- Collaborated in testing of telecommunication equipment as per Indian Government Standards utilizing GNS3 software for client
- Informed client about few discrepancies in equipment, resulting in Government standard manufacturing.

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## LEADERSHIP AND VOLUNTEER EXPERIENCE

**IETE Student's Forum, Database Secretary**

August 2019 – July 2020

- Collaborated in organizing three technical workshops and one industrial visit for 70 undergraduates; coordinated facilities, communicated with faculty members, and arranged logistics resulting in opportunities for students to gain industry-level exposure.

**Smith Master's Student Association, Student Ambassador**

August 2021 – December 2021

- Smith Master's Student Association Fall 2021 Student Ambassador for Administration and lead in communicating about various events to 400 Smith's Master students.

**Impact Consulting Fellowship, Bethesda Green**

October 2021 – December 2021

- Cooperated with a team of 6 MBA, Masters, and Undergraduate Students to recommend a CRM software for Bethesda Green to help clients streamline process of B-Corp certification.