

# VAIBHAV RAVINDRA PATIL

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## SUMMARY

Aspiring Data Scientist with a strong foundation in programming, data analysis, and machine learning. Proficient in **Python, C++, Flask**, and essential libraries like **NumPy, Pandas, Matplotlib, and Seaborn**. Skilled in building web applications with **HTML, CSS, and JavaScript** and experienced in applying machine learning techniques to solve real-world problems. Currently pursuing expertise in deep learning. Enthusiastic about leveraging data-driven insights to drive innovation and make impactful decisions.

## WORK EXPERIENCE

### SharePoint Developer at Infosys Ltd, India

July 2021 - July 2023

- Developed and migrated comprehensive SharePoint solutions for DuPont, including sites, Power Automate workflows, Power Apps, and MS Teams groups, enhancing organizational digital infrastructure by 35%.
- Implemented custom SharePoint applications using SharePoint Designer, leveraging standard components like Lists, Views, and Content Types, which streamlined 25+ business processes and improved operational efficiency.
- Executed content migration to SharePoint Online using Sharegate, successfully transferring 999+ GB of data with 99.9% integrity while maintaining seamless organizational continuity.
- Transformed legacy SharePoint workflows to Power Automate, aligning with Microsoft's automation strategy, reducing workflow processing time by 50% and enabling more agile, scalable business process management.

### Graduate Students Assistant at UNT Libraries, Denton, TX

May 2024 - Present

- Conducted comprehensive UX research and survey development for library digital platforms, analyzing user interaction data to improve website usability and user experience.
- Collaborated with User Interfaces Unit to develop and implement visual assets and interface designs, enhancing digital content presentation and user engagement.
- Utilized technical skills in Microsoft Excel, version control systems, and digital communication tools to support the library's digital transformation initiatives and streamline content management processes.

## EDUCATION

### G.M.C Polytechnic

University of North Texas, Denton, Texas

Percentage: 84%

Nov 2019 – July 2022

### Bachelor of Engineering, Computer Engineering

Dr. Babasaheb Ambedkar Technological University, India

CGPA: 7.6

Oct 2022 – June 2025

## PROJECT

### ML Model Implementation – Personal Project ([Project Link](#))

Personal (2025)

- Built a web-based tool to automate data fetching (via web scraping), visualization, and feature engineering, reducing manual analyst effort.
- Streamlined the end-to-end preprocessing pipeline to allow users to quickly prepare datasets for machine learning model development.
- Designed with Python, using libraries like Pandas, Scikit-learn, Matplotlib, and BeautifulSoup to support rapid exploratory analysis.

### DSA Codelab – Interactive Learning Platform

Academic (2025)

- Developed a dynamic web application using Spring Boot, Thymeleaf, and Java for compiling DSA problems and interactive learning.
- Implemented real-time algorithm visualizations and code execution features using HTML, CSS, and JavaScript.
- Integrated RabbitMQ as a messaging service to manage asynchronous code compilation and improve system responsiveness.

## SKILL

**Programming Languages:** Python, SQL,

**Frontend technologies:** HTML, CSS

**Backend & DevOps:** Docker

**Database Management Systems:** Microsoft SQL Server, MySQL

**Software Development Tools:** Git, GitHub, Postman, Visual Studio code, Eclipse, Tableau, Power BI, MS365

**Certifications:** AWS, PL-400, Microsoft Certified: Power Platform App Maker associate, Microsoft Certified: Azure AI Fundamental, Cloud Computing, Machine Learning, Microsoft Certified: Azure AI Fundamental