

# TANISHQ KORGAONKAR

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## EDUCATION

**Manipal Institute of Technology**

*B.Tech in Cybersecurity; CGPA: 8.5*

**Bengaluru, India**

*2023 – Present*

## TECHNICAL SKILLS

**Languages:** JavaScript (TypeScript), Python, C++, Java, HTML, CSS

**Frameworks and Libraries:** React, MongoDB, Express.js, Node.js, Tailwind CSS, Material UI, Axios, Zustand

**Developer Tools:** Git, Postman, Figma

**AI/ML Tools:** NumPy, Pandas, Seaborn, Matplotlib, Scikit-learn

**Mathematical Foundations:** Matrices, Vectors, Statistics, Calculus

## PROJECTS

**Frontend Gym Application – ToughFit Gym**

**View Project — GitHub**

- Developed a responsive and interactive gym management platform using **React** and **Material UI**.
- Added GIFs for better training understanding and linked relevant YouTube video resources for better guidance.
- Deployed the application at ToughFit Gym.

**Full Stack Bookstore Application – BookByte**

**View Project — GitHub**

- Designed and developed a dynamic bookstore application using the **MERN stack**.
- Utilized **Zustand** for state management and **Tailwind CSS** for a modern UI.
- Integrated secure REST APIs for efficient backend communication.

**Web Scrapping for Football Headlines**

**GitHub**

- Used **Selenium WebDriver** with **Safari** to scrape football headlines from **The Sun's** website.
- Extracted titles, subtitles, and links of articles by navigating through specific HTML containers.
- Stored the extracted data in a structured format and saved it as a CSV file for further analysis.
- Utilized **Python, Selenium, and Pandas** for data extraction and file handling.

**Diabetes Prediction – AI/ML Model**

**GitHub**

- Implemented an **SVM classifier with a linear kernel** to predict diabetes using patient health metrics.
- Preprocessed data by standardizing features and splitting it into training and testing sets using stratified sampling.
- Achieved 79.15% accuracy on the training data and 72% accuracy on the testing data.
- Utilized **Python, NumPy, Pandas, Scikit-learn, Matplotlib** for analysis and visualization.

**Parkinson's Disease Detection**

**GitHub**

- Implemented an **SVM classifier with a linear kernel** to detect Parkinson's disease using biomedical voice data.
- Preprocessed data by removing non-relevant columns, handling missing values, and standardizing features.
- Split data into training and testing sets using stratified sampling for balanced classification.
- Achieved 90.3% accuracy on the training data and 94.8% accuracy on the testing data.
- Utilized **Python, NumPy, Pandas, Scikit-learn, Matplotlib, and Seaborn** for analysis and visualization.

## CERTIFICATIONS

**Ordered Data Structures** – University of Illinois Urbana-Champaign (Coursera)

**Introduction to Java and Object-Oriented Programming** – University of Pennsylvania (Coursera)

**Foundations of Cybersecurity** – Google (Coursera)

**Introduction to Network Automation** – Cisco Learning and Certifications (Coursera)