DEV JINDANI

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EDUCATION

Syracuse University, Syracuse, USA **August 2022 – May 2024**
Master of Science in Information Systems. GPA: 3.8
Thakur College of Engineering & Technology, Mumbai, India **August 2018 – May 2022**
Bachelor of Engineering in Information Technology. GPA: 3.7

Relevant Coursework: Database Management System, SQL, Project Management, MS Power BI, Tableau, R, Data Science, JAVA, Python, Data Mining, Business Intelligence, Business Analytics, MS Excel, MS Office.

TECHNICAL SKILLS

- **Programming languages:** Python, C, C++, Java, R, SQL
- **Tools:** RStudio, Tableau, Excel (Lookup, Correlation, Regression, forecasting, 3D maps, Solver, Power Query, Power Pivot), Power Applications, Google Analytics, Adwords, AWS, Azure, Slack, Trello, Jira, ServiceNow, Snowflake
- **Libraries & Databases:** Pandas, NumPy, SQL, Matplotlib, Scikit, RDBMS, MySQL, php, MyAdmin
- **Web Technologies:** HTML, CSS, JavaScript

PROFESSIONAL EXPERIENCE

Technology Consultant & Data Analyst, Intern
Kelley School of Business HOPE Digital Project, Indiana, USA **January 2021 – April 2021**

- Collaborated with colleagues to create a User Interface for CEVA-Waste management system for Bali, Indonesia and Lavender Laundry using a no-code application builder called Glide. Increased efficiency of the application by **30%.**
- Designed the database using database sheet to manage workflow, organize inventories and user records.
- Added functionalities such as place pick up call for disposing waste, placing orders for laundry, send notifications, pop-ups to the front-end and make the application user friendly, visualizing, cleaning copious amounts of data.

Data Science & UI|UX Developer, Intern
Thakur college of Engineering & Technology, Mumbai, India **March 2020 – May 2020**

- Designed interfaces, data handling procedures and workflows throughout application development lifecycle.
- Created customer-facing screens and efficient interfaces to connect users to back-end processes.
- Used database calls and API frameworks to achieve desired presentation and performance.
- Increased data accuracy by **93%**.

Project Manager & Web Developer, Intern
Sahu Technologies, Mumbai, India **June 2019 – July 2019**

- **Researched** on modern technologies and trends in front-end development using HTML5, CSS3 and JavaScript and how to apply them to create an intuitive and dynamic website.
- Built the front-end of webpages using HTML5, CSS3 and JavaScript Frameworks.
- Developed the contact us page and another interactive webpage that helped find fine places to visit in a city; created a prototype using Mock plus and then implemented it. Increased site traffic and efficiency by **45%**.
- Integrated **MySQL** with Angular and verified all **CRUD** operations ran without a hitch.
- Monitored project progress with the project manager and identified potential risks and issues using **Trello**, proactively communicating them to the project manager and proposing solutions to mitigate them.

ACADEMIC PROJECTS AND PAPER

Health Management Organization | R, Python, Machine Learning, Data Visualization

- **Analyzed and cleansed a large dataset of over** 7582 rows utilizing **R** to deliver valuable insights on the key factors driving healthcare costs and provided actionable recommendations for cost reduction.
- Performed exploratory data analysis and predictions using **SVM Model (88% accuracy), Decision Tree and 6 Association Rules**, shiny apps for predicting key parameters such as expensive people, smokers, and used association rule mining to find relations between different parameters.

Organ Procurement and Transplantation Network System

- Created an Organ Procurement and Transplantation Network System using Microsoft SQL server, Azure Data Studio and Microsoft Power applications.
- Successfully created database using SQL server and added various logical models and functionalities to optimize the dataset and results.
- This record serves several functions and is critical to the proper operation of the Organ Procurement and Transplantation Network System, particularly in today's complex healthcare environment.
- Executing the application using MS Power Applications and connecting it to the database.

Malicious URL detection using Machine Learning and Artificial Intelligence

- Built an application for users to enable them to identify if a particular website is malicious or not by processing the data set to the machine learning model and made use of machine learning algorithm that is **logisticregression, NB, DT, with 89% accuracy**.
- Constructed an application which tells if a webpage is malicious or not and the type of threat provided by the website.
- Technologies used: Python, and Anaconda.

CERTIFICATIONS

- Introduction to Scripting in Python Specialization by Rice University (Jun 2020)
- Python for Everybody by University of Michigan, UI/UX Design