

VISHNU BINDIGANAVILE

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SKILLS

Languages and Tools: Python, R, SQL, Excel (Pivot Tables, VLOOKUP, VBA), SAS, Stata, Pandas, MySQL, Microsoft SQL Server, Microsoft Office Suite, Google Workspace
Visualization: Tableau, Seaborn, Plotly, Matplotlib, D3.js, Streamlit
Modeling & Big Data: Sci-kit learn, Google Big Query, Hadoop, Spark, Google Cloud Platform, A/B Testing
Software Engineering: Streamlit, Java, JavaScript, React, Node, Flask, Heroku, C

EXPERIENCE

Undergraduate Data Science Researcher

Aug. 2024 – Present

Purdue University + Chicago Cubs

West Lafayette, IN

Data Science Student Consultant

Nov. 2023 – Jul. 2024

Accenture

West Lafayette, IN (Purdue University)

- Analyzed SAP Signavio process data using **Excel** and **Python** to discover relevant blockers and KPIs
- Leveraged **Generative Artificial Intelligence**, built an ETL pipeline, and defined a severity score metric to generate a descriptive report with action item recommendations for non-technical users, reducing time of analysis by 4+ hours per task; developed a user interface with **Streamlit** to provide interactive report generation

Undergraduate Teaching Assistant

Jan. 2023 – Present

Purdue University

West Lafayette, IN

- (Spring 2023, Spring 2024) CS 176: Data Engineering in Python, (Fall 2023, Fall 2024) CS 242: Introduction to Data Science

Software Engineering Intern

May 2022 – Jul. 2022

Wolters Kluwer Health

Indianapolis, IN

- Developed a business intelligence based visual dashboard to provide insights into application defects using **Docker**, **Jenkins CI/CD**, **Microsoft Azure**, and **SQL Server** to enable efficient tracking, reporting, and resolution of issues
- Replaced the email based solution, resulting in a 95% reduction of support team-related emails and increasing response time by 20%

EDUCATION

Georgia Institute of Technology

Jan. 2025 – Dec. 2025

Master of Science in Analytics

Atlanta, GA

- Computational Data Analytics Track

Purdue University

Aug. 2021 – Dec. 2024

Bachelor of Science in Computer Science and Data Science

West Lafayette, IN

- GPA: 3.38
- Machine Intelligence Concentration
- Alpha Kappa Psi (Marketing Head, Recruitment Chair), The Data Mine

PROJECTS

Netflix Case Study | Python, Plotly, Google Slides

Nov. 2023 – Dec. 2023

- (Google Data Analytics Professional Certificate Capstone Project) Analyzed the factors of added Netflix titles that affect the yearly total of stock trading volume.

March Madness 2024 Prediction | Python, Scikit-learn, Seaborn, Tableau

Feb. 2024 – Apr. 2024

- Built a model to predict the outcome of the 2024 March Madness tournament

Homework Planner | SQL, Flask, SQLAlchemy, Python, JavaScript, jQuery, HTML/CSS, Git

Nov. 2023 – Dec. 2023

- (CS 348 Project) Developed an application that allows users to manage their semesters, courses, and assignments

CERTIFICATES

Microsoft Excel: From Beginner to Advanced | Excel, Pivot Tables, VLOOKUP, VBA

July 2024

Google Data Analytics Professional Certificate | Google Sheets, Tableau, R

May 2024

EBEC: Entry-Level Programming in Python | Python

May 2022