

VISHNU BINDIGANAVILE

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SKILLS

Python | Java | JavaScript | C | C++ | HTML/CSS | SQL | R | Flask | React | Node | Express | React Native | jQuery
Docker | Git | Android Development | SQLAlchemy | Pandas | Sci-kit Learn | Numpy | Firebase | Matplotlib | Seaborn | XML
Data Structures | Unity 2D | Software Development | Full Stack | Frontend | Backend | Data Science | Data Analysis

EXPERIENCE

Data Analyst Intern

May 2023 – Jul. 2023

Hexfork

Remote

- Used **Python** and the **Koios API** to analyze, visualize, and provide insights on Cardano NFT UTxO and wallet data
- Aggregated and cleaned data for over *1K* Accounts and *10K* transactions to create a data pipeline for a prototype visualization tool

Undergraduate Teaching Assistant

Jan. 2023 – Present

Purdue University

West Lafayette, IN

- (Spring 2023) CS 176: Data Engineering in Python
- (Fall 2023) CS 242: Introduction to Data Science
- Mentored and coached *20+* students in the learning of **Python**, data engineering, data science, and programming

Software Engineering Intern

May 2022 – Jul. 2022

Wolters Kluwer Health

Indianapolis, IN

- Used **Docker**, **Jenkins CI/CD**, **Microsoft Azure** to develop a business intelligence based visual dashboard to provide insights into application defects, thus enabling 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%

Software Engineering Intern

Jul. 2021 – Aug. 2021

Examd.ai

Remote

- Developed a **React Native (JavaScript)** based framework to establish the mobile porting of an existing React web application
- Used a **Swagger API** to integrate a seamless transfer of data between the web and mobile ports
- Created wireframes for *10+* screens to facilitate the hand-off of development upon the completion of the internship

EDUCATION

Purdue University

West Lafayette, IN

Bachelor of Science in Computer Science and Data Science

Aug. 2021 – Dec. 2024

- GPA: 3.37
- Organizations: Alpha Kappa Psi
- Current Coursework: Machine Learning, Relational Databases, Intro to Artificial Intelligence
- Completed Coursework: Data Structures and Algorithms, Data Science w/ Python, Software Engineering, Object Oriented Programming, Computer Architecture, R Statistics, Systems Programming

PROJECTS

BoilerTicket | *React, Flask, SQLAlchemy, Node, Python, JavaScript, HTML/CSS, REST API, Git* Jan. 2023 – May. 2023

- Developed a full-stack web application with a React frontend, Flask REST API, and SQLAlchemy database
- Implemented features such as: real time messaging, ticket listing and purchasing, account creation and authentication, email verification, and an alert system

MyCollegePlanner | *Java, XML, Android Studio*

Apr. 2020 – Oct. 2020

- Developed an Android application with a Java backend and XML frontend
- Implemented features such as: event calendar, category creation and filtering, and note taking

CERTIFICATIONS

EBEC: Entry-Level Programming in Python | *Python*

May 2022

Python for Machine Learning & Data Science Masterclass | *Python, Scikit-Learn, Pandas, Numpy, Seaborn*

Aug 2023