

Pushpa kumar B

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EDUCATION

UNIVERSITY OF CENTRAL MISSOURI

M.S IN COMPUTER SCIENCE
Lees summit, MO

INDIRA INSTITUTE OF ENGINEERING AND TECHNOLOGY

B.E IN COMPUTER SCIENCE AND ENGINEERING
Grad. May 2023 |CGPA:7.87 / 10.0

LINKS

Github:// [pushpakumar02](#)
LinkedIn:// [pushpa kumar B](#)
linktr.ee:// [pushpakumar02](#)

COURSEWORK

Data Structures and Algorithms
Object Oriented Programming
Computer Networks
Information Retrieval
Operating Systems
Artificial Intelligence
Distributed systems
DBMS

SKILLS

PROGRAMMING

Python • Javascript •Bootstrap
MongoDB • Express •ReactJS
NodeJS

CSS • HTML •VS code,
git and github

Familiar:

Web Development • SQL •Pandas
Selenium • APIs

SOFT SKILLS

Communication • Adaptability
Teamplayer • Project management
Deliver results

INTERESTS

TECHNICAL

AI/ML•NLP•LLM•Data Virtualization

NON-TECHNICAL

Fitness•Travel •Self
Improvement•Networking

EXPERIENCE

COGNORISE INFOTECH | PYTHON DEVELOPMENT INTERN

Jan 2024 - Feb 2024

- contributed to building Python-based solutions, enhancing my skills in software development.

GAO RFID INC | TECH SUPPORT INTERN

Aug2023-Oct2023

- Created and updated technical documentation.
- Increased the efficiency of issue resolution by 100%.

PROJECTS

TABLE BOOKING WEBSITE | META FRONT-END DEVELOPER CAPSTONE PROJECT

- Developed and implemented a table booking feature on the **Little Lemon Website**.
- This was created with **React** Components to show an understanding of utilizing React for creating the website.
- Tech stacks: **React, HTML, CSS, Java script.**

VOICE BASED E-MAIL SYSTEM FOR VISUALLY CHALLENGED PEOPLE

- Developed a system allowing visually impaired users to manage emails with voice commands, improving accessibility and efficiency by 95%.
- Built using python, Artificial Intelligence , natural language processing and voice commands,user scan effortlessly dictate e-mails, navigate their inbox, and manage e-mail conversations.
- Tech stacks:**Artificial Intelligence (AI) • Python (Programming Language)**

NEWS TRACKER APPLICATION

- Developed an application that brings real-time news updates by **100%**, developed using **Python and Flask, IBM DB2** to store and manage back-end data.
- Tech stacks: **HTML •Bootstrap(Framework) •Flask •IBM Db2 •IBM Cloud Object Storage • IBM Watson •Containerization•Python (Programming Language)•**

CRYPTOCURRENCY BITCOIN PRICE ANALYSIS

- Analyzed Google Trends data for Bitcoin searches and its correlation with Bitcoin's price fluctuations, revealing insights into the relationship between search volume spikes and price changes over time , with a correlation rate of 90% .
- Used pandas and matplotlib in Python for reliable data cleaning, analysis, and visualization in Jupyter Notebook.

CERTIFICATIONS

- **Machine Learning Specialization**
- **Python 100 Days of Code**
- **Meta Front-End Developer Certificate Badge**
- **Introduction to Artificial Intelligence (AI)**
- **Introduction to Git and GitHub**
- **Google IT Technical Support Fundamentals**