

# Avinash Pandey

[aopandey@iu.edu](mailto:aopandey@iu.edu) | (317) 998-3501 | Indianapolis, IN 46204 | [linkedin.com/in/avinashopandey/](https://www.linkedin.com/in/avinashopandey/) | [github.com/Aopandey](https://github.com/Aopandey)

## Education

### Bachelor of Science in Computer Science

Purdue University Indianapolis, IN

Anticipated Graduation: December 2024

### Minor: Mathematics

Cumulative GPA – 3.1

### Awards and Honors

- International Jaguar Excellence Award
- ALD-PES Honors Society member
- Dean's List – Fall 2020

## Technical Skills

- **Languages:** Python, C, C++, Java, JavaScript, CSS, R/R-Studio, SQL
- **Framework and Libraries:** Django, Flask, PySimpleGUI, Pandas
- **Tools/Frameworks:** GitHub, AWS, Microsoft Azure, PyCharm, Jupyter
- **Database Management:** MySQL, MongoDB, Microsoft SQL Server, Azure Data Studio
- **Relevant Coursework:** Principles of Software Design, Data Science, Database Systems, Intro to Client Side Web-Programming

## Projects

### ATM Banking System (Java)

October 2022

- Developed a Java-based ATM system emphasizing object-oriented principles, integrating user authentication, transaction processing, and account management with efficient data structures and control flows, complemented by a user-friendly interface for banking operations.

### Workout Planner App (Python)

January 2024

- Developed a Python-based Workout Planner with CLI, GUI (PySimpleGUI), and web (Streamlit) interfaces, featuring robust file handling for data management and cross-platform functionality to enhance user engagement across desktop and web environments.

### Indiana Weather Data (Python)

April 2023

- Developed a Python app for fetching and analyzing historical weather data, integrating API data retrieval with Matplotlib and Pandas for visualization, and ensuring user experience with robust error handling and validation.

## Work Experience

### Business Analyst Intern – Office of Technology Services

December 2023 – Present

### Legislative Services Agency

Indianapolis, IN

- Coordinate and communicate directly with Indiana lawmakers, caucus, and other LSA staff to support business processes through solving problems and assisting with custom applications and tools
- Support standing committees to help troubleshoot network services for the Indiana Senate and House of Representatives
- Validate data accuracy and ensure timeliness for the Indiana General Assembly
- Collaborate with end users, business analysts, & infrastructure staff to support & troubleshoot critical software.

### Technology Center Consultant – Computer Consultant

January 2022 – August 2023

### IU Indianapolis - University Information Technology Services (UITS)

Indianapolis, IN

- Provided direct technical assistance to faculty and students relating to software, hardware, and computer peripherals
- Managed and monitored network connection to the University network and eliminate malicious software
- Preserved the integrity of computer labs and printers all around the campus

## Student & Professional Organization

### Vice President, IUPUI Computer Science Club (CS Club)

May 2023 – Present

- Coordinate annual hackathons and workshops, attracting 200+ participants and securing industry sponsorships
- Revitalized the Computer Science Club after a 2-year hiatus, led a team in organizing tech events, increasing club engagement by 100%

### Peer Mentor, International Peer Mentoring Program (IPMP)

May 2022 – Present

- Collaborate in a 3-member team to provide direct peer mentoring to international students
- Support student orientation, marketing, and recruitment for the University to welcome and retain international students
- Mentor international students to achieve personal & academic goals by fostering a diverse and inclusive environment