

Summary

Dynamic AI Research Developer at the National Institute for Research and Digital Transformation, skilled in Python and machine learning. Successfully built secure authentication systems and optimized database queries, enhancing performance. Passionate about leveraging data visualization tools like Power BI to drive insights and foster collaboration across teams.

Education

Wichita State University
Bachelor of Science: Computer Science
Wichita, KS

Expected in December 2027

Work Experience

National Institute for Research and Digital Transformation
AI Research Developer
Wichita, KS

January 2025 to Current

- Collaborated with the marketing team to develop a business plan for a chatbot.
- Built a secure authentication mechanism for user accounts using the OAuth 2.0 protocol.
- Worked with SQL and NoSQL databases, creating efficient schemas and optimizing queries for performance enhancements.
- Developed and maintained user-facing web pages using HTML, CSS, and JavaScript.
- Developed dashboards in Power BI to provide an interactive view of the data visualizations.
- Provided technical support regarding the implementation of AI systems.
- Conducted research on new technologies related to AI development.
- Implemented natural language processing techniques for text analytics tasks.

Softenant Technologies
Data Science Intern
Visakhapatnam, India

June 2023 to December 2023

- Cleaned and manipulated raw data using Pandas.
- Develop and test machine learning models to solve business challenges.
- Create data visualizations and dashboards using Power BI to communicate findings.
- Maintained databases using SQL queries.
- Created comprehensive reports utilizing SQL queries to track customer behavior.

Etasi Timpany School
Student Assistant
Visakhapatnam, India

June 2022 to May 2023

- Collaborated with a team to design and develop a responsive school website using HTML, CSS, and JavaScript.
- Integrated real-time data visualization components to display insights, such as average student attendance and performance trends.

- Collected and managed school data using SQL databases, ensuring efficient data retrieval and storage.
- Created interactive dashboards using Power BI to present data-driven insights to staff and administration for decision-making.

Skills

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| • Python | • Canva |
| • Machine learning | • Microsoft Word |
| • Power BI | • Excel |
| • HTML | • PowerPoint |
| • CSS | • C++ |
| • JavaScript | |

Activities

Vice President

Leo Club, Lions Clubs International, India

- Lead regular meetings to maintain clear communication, foster accountability, and ensure alignment with the organization's mission.
- Initiated outreach programs that boosted membership by 30% and significantly increased the club's community presence.
- Collaborate with executive members to develop strategic plans, set annual goals, and manage budgets effectively.
- Contribute to the club's overall growth and impact through proactive leadership, planning, and community engagement efforts.