ABHISHEK BAGEPALLI

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PROFILE
- Aspiring Data Scientist with hands-on experience in data analysis and machine learning, seeking to enhance my skills and contribute to impactful projects.
- **Certification Courses: Google** Data Analytics Professional, **Microsoft** Certified Data Analyst, **Microsoft** Certified Azure Fundamentals, **AWS** Certified Cloud Practitioner, **Microsoft** Certified Azure AI Fundamentals.
- **Skills:** Python (Tensor Flow, Pandas, SciKit-Learn, Keras), Hugging Face, LangChain

EDUCATION
Purdue University, Daniels School of Business   **West Lafayette, IN**
Master of Science in Business Analytics and Information Management, GPA 3.93/4.0   **July 2025**

Manipal Institute of Technology   **Manipal, India**
Bachelor of Technology, Computer and Communication Engineering, GPA 3.6/4.0   **August 2023**

PROFESSIONAL EXPERIENCE
Prediction Guard   **Lafayette, IN**
AI Engineer Intern   **Jan 2025 - Present**
- Leading a team of 6 to develop **end-to-end AI solutions** by testing and enhancing LLM security, focusing on prompt injection resistance and adversarial robustness.

Deloitte USI   **Hyderabad, India**
Data Analyst   **August 2023 – June 2024**
- **Forecasting Application Development:** Created a Generative AI-powered forecasting application to predict Deloitte's cloud operating costs, enhancing budgeting accuracy.
- **Data Engineer – Data Warehousing**: Contributed to a project consolidating multi-cloud data (AWS, Azure, GCP, and Deloitte-owned Data Centers) into a unified platform, resulting in over **$250K** in cloud cost savings.
- Acted as the primary **web developer** for a company-wide portal, centralizing services and enabling project tracking for clients and teams. By taking on this role, I saved the team the cost of hiring an additional developer, while also reducing cloud hosting expenses by 20%. Received a **Spot Award** for contributions.

Data Analyst Intern   **February 2023 – July 2023**
- Automated annual SOC2 audit process using a **real-time dashboard**, **reducing reporting time by 92% and cutting manual efforts by 25%**.
- Developed a Tableau dashboard with operational and executive views to assist the Cloud Security team in monitoring and managing Rogue Accounts created with Deloitte IDs.

PROJECTS
- **Resume-GPT:** A LangChain based chatbot that answers questions based on the user's resume and provides tailored job suggestions, making use of the OpenAI API and hosted on Streamlit community cloud.
- **Hand 2 Text:** A tool that tracks user hand movements and generates real-time transcripts based on sign language input. Built using VertexAI pipelines and OpenCV libraries.

LEADERSHIP ACTIVITIES
- Worked as **General Secretary** and **Head of English Department** at Project Mudra, an NGO focused on development of underprivileged children.
- Assisted in **teaching** courses on **Cloud Computing, Big Data, Systems Design, and Python Programming,** providing support in lectures, labs, and student mentoring.