SAI KEERTHI VADNALA

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EDUCATION

Master of Science in Information Technology, Data Science Concentration	**Aug 2023 – Present**
University of Cincinnati, Cincinnati, OH	**GPA 4.0/4.0**
Bachelor of Technology, Computer Science and Engineering	**Jun 2017 – May 2021**
VNR VJIET, Hyderabad, India	**GPA 3.4/4.0**

SKILLS

Programming Languages and Database: Python, C, SQL, R, Java, MySQL.
Development: Data cleaning, Data Wrangling, Data Visualization, Exploratory data analysis, Version Control, Linux, Excel.
Machine learning Frameworks: PyTorch
Data Visualization tools: Tableau, Power BI.
Course Work: Machine learning and Data Mining, Statistical Data Analysis, Advanced Data Visualization.
Web development: HTML, CSS, JavaScript, Bootstrap, XML, typescript, React JS, MySQL.
Certificates: Python, Power BI, Data Visualization, Microsoft AZ-900, SEO.

PROFESSIONAL EXPERIENCE

Graduate Teaching Assistant – University of Cincinnati, Cincinnati, OH   **Aug 2023 – Present**
- Assisted faculty members in designing course presentations and supported students in "Database Management System" and "Advanced Storage Technologies" subjects, ensuring alignment with curriculum objectives.
- Evaluated student performance by grading assignments and exams, delivering feedback, and providing clarification on the course syllabus and activities to enhance student learning.

Application Development Associate – Accenture Solutions, India   **Nov 2021 – July 2023**
- Contributed to the development of InsightGen, worked on integrating Angular for the frontend, Java and Spring boot for backend operations. Ensured weekly alignment with client requirements and collaborated with cross-functional teams to deliver interactive visualizations and actionable insights.
- Worked on InsightFlow project to develop interactive data visualizations using Power BI tool to create dynamic dashboards and reports for real-time data analysis.

PROJECTS

InsightGen Project, Accenture, India   **May 2022 – Mar 2022**
- Worked on integrating Angular for the frontend and utilized database management techniques to enhance data processing and retrieval capabilities. Developed optimized code using MySQL for efficient data storage and retrieval in InsightGen project.
- Implemented Angular for frontend, MYSQL for database management, Java for the project in creating a robust platform for efficient data management.

ShopEase Project, India   **June 2021 – Sept 2021**
- Designed and developed ShopEase e-commerce website, focusing on front-end development using HTML, CSS, JavaScript, Bootstrap, and Angular frameworks. Implemented robust database management with MySQL, mongodb to ensure seamless data handling and storage for enhanced functionality.

RESEARCH AND PUBLICATIONS

- Published a paper in Springer IC3T conference, on Evaluation of Tools Used for 3D Reconstruction of 2D Medical Images. https://link.springer.com/chapter/10.1007/978-981-16-7389-4_27.

AWARDS AND ACHIEVEMENTS

- Recognized as a top-performing team, ranking within top 15 out of 120 for best idea submission in Smart India Hackathon, 2020.