Manisha Addula

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EDUCATION

University of Central Missouri   Warrensburg,MO
Masters in Computer Science ; GPA: 3.7   *Jan 2023 - (Expected)May 2024*

Mahatma Gandhi Institute of Technology   Hyderabad, India
Bachelor of Eng in ECE. ; GPA: 3.3   *June 2018 - August 2022*

EXPERIENCE

Squad Software   Inselin, NJ
Intern   *January 2024 - Present*

- Collaborated with senior team members to develop Python scripts for automating data preprocessing tasks, reducing manual effort by 30% and improving data accuracy by 15%.
- Implemented continuous integration and deployment pipelines using AWS CodePipeline, AWS CodeBuild, and AWS CodeDeploy, resulting in a 50% reduction in deployment time and increased deployment frequency by 70%

Accenture   Hyderabad,India
Application Development Associate   *August 2022 - December 2022*

- Generated Java applications utilizing the Spring Boot framework, successfully implementing RESTful services, using TomCat Apache Server, resulting in a 2-week reduction in the development timeline.
- Implemented JUnit framework to write comprehensive unit test cases for code modules and functionalities, ensuring a 95% code coverage rate.

IotIot.in   Pune,India
Software Engineer Intern-AI/ML   *December 2020 - August 2021*

- Developed a proficient 3D-CNN model trained on the Jester dataset to recognize hand gestures using Data visualisation techniques with over 90% accuracy, demonstrating its potential for real-world applications
- Leveraged advanced GIT version control concepts to meticulously track changes, ensuring a systematic approach to error troubleshooting and facilitating seamless collaboration among team members.

1stop.ai   Hyderabad,India
Web Developer Intern   *June 2021 - October 2021*

- Designed and developed an e-commerce website using HTML5, CSS3, and JavaScript, collaborating effectively with non-technical team members, resulting in a 20% improvement in user engagement metrics.
- Incorporated Agile methodologies to facilitate efficient and adaptive change management, resulting in a 30% increase in project velocity and a 20% reduction in time-to-market for product iterations.

PROJECTS

- **MLS Resources Website, Black Wings Hack'24** : Led the development of the backend using Node and Express, crafting RESTful APIs for MongoDB data retrieval. Designed and developed document structures to store complex data like PDFs in NOSQL databases .
- **Event Management System, Univ. of Central Missouri**: Designed and developed all APIs using Python and Utilized POSTMAN to thoroughly test and validate API endpoints. Implemented SQL queries for optimizing database interactions, data handling and processing within the backend.
- **Predicting Railway Delays using Machine Learning, Univ. of Central Missouri**: Developed a Machine Learning model in Python based on Naive Bayes tailored for predicting railway delays. Utilized an extensive dataset from the Polish State Railways, and acquired a foundational understanding of LLMs lifecycle.

SKILLS

Programming : JavaScript, Python, R, Java, C, YACC
Web Development : MERN, Nextjs, TypeScript, HTML,Tailwind CSS, BootStrap
Tools : Jupyter, PopSQL,SSMS, VSCode, Postman, IntelliJ, MS-Office, GIT, Vercel, FireBase
Databases and Operating Systems : SQL, MongoDB, Linux, Ubuntu, MacOS, Windows
Organisations : AIESEC, Rewriting the Code, Women Who Code