Gnanadeep Settykara

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EDUCATION

ARIZONA STATE UNIVERSITY   Tempe, AZ
Master of Science; Major in Software Engineering   Expected May 2024
Cumulative GPA: 4.0/4.0
Relevant Coursework: Advanced Data Structures and Algorithms, Data Science For Software Engineers, Foundations of Software Engineering, Software Project, Process & Quality Management, Emerging Languages & Programming Paradigms, Mobile Systems

VIGNAN'S FOUNDATION FOR SCIENCE TECHNOLOGY AND RESEARCH   Vadlamudi, INDIA
Bachelor of Technology; Major in Computer Science & Engineering   June 2022
GPA: 9.86/10.00

TECHNICAL SKILLS

Programming Languages: Python, Java, C, C++ | **Web Development:** HTML, CSS, JavaScript, React.js, Node.js, Express.js, Flask | **Databases:** SQL, MySQL, MongoDB | **Version Control:** Git | **OS:** Windows, Linux | **Developer Tools:** GitHub, VS Code, Jupyter Notebook, PyCharm, Microsoft Office Suite (Word, PowerPoint, Excel) | **Machine Learning, Deep Learning, Natural Language Processing | Development Methodologies:** OOP, Agile, SDLC | **Cloud Platforms:** AWS, Azure

WORK EXPERIENCE

WALLERO TECHNOLOGIES, INC.   Bellevue, WA
SDE Intern   May 2023 – August 2023
- Assisting in development and enhancement of a video interview tool aimed at streamlining the hiring process.
- Researching and staying updated with latest advancements in video processing, NLP, and software engineering practices to propose innovative solutions and improve tool's functionality.

ARIZONA STATE UNIVERSITY   Tempe, AZ
Student Verifier   October 2022 – May 2023
- Conducted thorough scanning, documentation, and accurate entry of over 5000 applicants' information, demonstrating meticulous attention to detail.
- Consistently delivered high-quality work with a focus on precision and timeliness, achieving a productivity rate exceeding 100%. Provided exceptional customer service to students, colleagues, and stakeholders.
- Collaborated effectively with diverse individuals from various cultures and backgrounds, ensuring meticulous data handling with a consistently high accuracy rate of over 95%.
- Skills: Data Analysis, Data Entry, Adaptability, Mentoring, Relationship Building, Independent Work, Organization, Communication, Analytical Thinking, High Accuracy, CS PeopleSoft, Hyland, Citrix Gateway.

ACADEMIC PROJECTS

PREDICTION OF SOLAR ENERGY GENERATION   June 2022
- Developed and deployed a machine learning-based predictive model to forecast solar energy generation at Vignan's University, achieving an accuracy rate of over 90%.
- Conducted an in-depth analysis of solar energy output data to identify precise patterns and trends. These insights led to actionable recommendations for optimizing solar panel maintenance and enhancing performance.
- Implemented proactive maintenance strategies based on model's predictions, resulting in a 15% improvement in panel efficiency and significant cost savings.

SOCIAL MEDIA APP USING MERN STACK   Dec 2021
- Developed a dynamic social media application using the MERN (MongoDB, Express.js, React.js, Node.js) stack, enabling easy-to-use and seamless user interactions and content sharing.
- Implemented context and REST APIs to handle user profiles, posts, comments, and likes, resulting in 30% more efficient data retrieval and manipulation.

ADDITIONAL

Languages: English, Telugu, Hindi, German
Awards: Gold Medalist (Under graduation), Recipient of $10000 Merit scholarship from Arizona State University.