Hyderabad, India

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SUMMARY

Seeking an entry-level Software Engineer position to contribute to innovative projects, utilizing a strong foundation in programming languages such as Java and Python, alongside academic knowledge of algorithms and data structures.

EDUCATION

Bachelor of Technology in Computer Science and Engineering	July 2019 – June 2023
Amrita Vishwa Vidhyapeetham, Coimbatore	CGPA: 7.47
Board of Intermediate Education	April 2017 – May 2019
Bhashyam,Guntur	CGPA: 9.4

TECHNICAL SKILLS

- **Programming Languages:** C, Python, Core Java, SQL
- **Web Technologies :** HTML, CSS, JavaScript
- Artificial Intelligence & Machine Learning, Data Science,NLP
- Object-Oriented Programming
- Data Structures, Networks

PROJECTS

Hotel Management System Using Software Engineering

- Developed a user-friendly website that enhanced user engagement through intuitive design and layout.
- Executed Agile methodology, resulting in a 25% reduction in project delivery time compared to traditional approaches.
- Implemented automated testing using Selenium, achieving decrease in manual testing efforts and increasing overall efficiency.
- Applied XAMPP for local server setup, enabling seamless integration and testing of web applications, enhancing reliability.
- Employed Jenkins for continuous integration, improving deployment frequency by 50% and ensuring consistent application performance.

Online Food Ordering System

- Determined a network infrastructure using Cisco Packet Tracer, facilitating connections among of local restaurants and customers.
- Designed network diagrams that optimized traffic flow, enhancing system performance by 35% across all devices. 	 Configured VLANs and OSPF routing protocols, achieving improvement in data transmission efficiency and reduced latency.
- Integrated payment processing systems, resulting in a 20% increase in successful transactions during peak hours.
- Created documentation for network architecture, which streamlined troubleshooting processes, reducing downtime.

Resource Management System for the Cloth Industry

- Resulted a comprehensive SQL database that improved data accessibility, reducing retrieval times across various applications.
- Established a seamless connection between front-end and back-end systems, enhancing operational efficiency by 30% in the industry workflow.
- Constructed user interfaces that facilitated real-time updates, leading increase in inventory management accuracy.
- Conducted thorough testing of the system, identifying and resolving 10% of bugs prior to deployment, ensuring highquality performance.
- Presented training sessions for end-users, achieving satisfaction rate based on post-training feedback on usability.

Recommendation Systems

- To help user to select the best product across all by help of comments and reviews.
- During 5th semester of college.
- Tools or techniques used: Colab(Python)
- Outcome: Successfully implemented the algorithms in ML and predicted the best product to user.

CERTIFICATIONS & ACHIEVEMENTS

- Earned Data Analyst Internship Certificate – Mentorness.
- Earned Machine Learning Internship Certificate – Mentorness.

PUBLICATION

FICTA 2023, 11TH International Conference on Frontiers of Intelligence Computing: Theory and Applications.   Paper titled 'User story based automatic keyword extraction using algorithms and analysis' held at Cardiff School of Technologies, Cardiff Metropolitan University, Cardiff, UK.
 LINK - https://www.researchgate.net/publication/375917360_User_Story-Based_Automatic_Keyword_Extraction_Using_Algorithms_and_Analysis