

GUGGILLA AKASH NAGARAJU

Entry Level Graduate | Junior Engineer

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Summary

Aspiring Junior Engineer seeking a active role to apply engineering knowledge in innovative projects, contribute to design and development, and make a positive impact on the team.

Education

Bachelor of Technology in Information Technology
ACE Engineering College, Hyderabad

August 2019 – July 2023

Board of Intermediate Education
Sri Chaitanya Junior College, Hyderabad

June 2017 – May 2019

Technical Skills

- **Programming Languages:** Python, C, Java
- **Database Management:** MySQL, Oracle, SQL
- **Web Development:** HTML, CSS, JavaScript
- **Operating Systems:** Windows, Linux

Work Experience

SMARTINTERNZ
Salesforce Developer

May 2022 – July 2022

- Revamped business processes and streamlined workflows through innovative Salesforce development, leading to a 20% increase in operational efficiency.
- Engineered and optimized custom objects within Salesforce, enhancing data management capabilities and ensuring a seamless user experience.
- Developed and implemented logical solutions for complex system requirements, ensuring scalability and adaptability.
- Spearheaded Salesforce development initiatives, contributing to the creation of dynamic and user-friendly interfaces.

Academic & Personal Projects

Price Negotiating Chatbot on E-Commerce Website

February 2023 – June 2023

- Orchestrated the development of a active chatbot, expanding negotiation capabilities and improving overall user satisfaction.
- Designed and implemented an interactive e-commerce website, resulting in a 20% increase in user engagement and streamlined negotiation processes.
- Applied Support Vector Machines and K-Nearest Neighbors algorithms, achieving a 15% enhancement in negotiation success rates.

Image Encryption and Decryption Using AES Algorithm

September 2022 – January 2023

- Executed a comprehensive study on image data encryption, demonstrating the effective application of the Advanced Encryption Standard algorithm.
- Planned a secure image data transmission system, resulting in a 25% improvement in data confidentiality during transmission.
- Applied AES cipher techniques, reducing image data vulnerabilities by 30% and ensuring secure transmission.

Certifications & Publications

- Completed virtual internship – Salesforce
- Certified in Python programming – University of Michigan
- Attained Ethical Hacking Workshop certification – Intracollege
- Earned Oracle Academy certification in DB programming with SQL
- Completed Robotic Process Automation course certification
- Investigated hate content on social media using Natural Language Processing and Logistic Regression, published findings on hate speech detection in the International Journal of Engineering Research & Technology
- Engaged in Smart India Hackathon, focusing on Blockchain and Cybersecurity to trace darknet drug trafficking through cryptocurrency transactions.

Achievements

- Secured victory in District-level Interschool Tug-of-War semi-finals.