Uma Maheshwara Chary Jonnalagadda

✉ Uma.maheshwara.chary.j@gmail.com   linkedin.com/in/jumc/
📞 +91 8184924201   karnakarj.github.io/jumc.portfolio/
📍 Hyderabad   leetcode.com/u/Uma_Maheshwara_Chary/

Professional Summary

Ambitious Computer Science graduate eager to apply technical skills, adaptability, and problem-solving abilities in a dynamic environment. Committed to continuous learning and innovation while contributing to the organization's success and fostering my professional growth.

Education

Bachelor of Technology in Computer Science and Engineering   August, 2021 - September, 2024
Vaagdevi College of Engineering   Warangal, Telangana, India

Diploma in Electronics and Communication Engineering   April,2018 - August, 2021
Vaagdevi College of Engineering   Warangal, Telangana, India

SSC (Secondary School Certificate)   May,2012 - March, 2018
Good News EM School   Khammam, Telangana, India

Technical Skills

- Programming Languages: Trained, certified, and proficient in Java, including Core Java concepts such as Object-Oriented Programming (OOP), Java Collections Framework, exception handling, file handling and generics.
- Web Technologies: Skilled in designing and developing web interfaces using HTML and CSS, with hands-on experience in responsive design and semantic coding practices.
- Databases: Practiced in SQL, with expertise in database design, query optimization, and data manipulation using MySQL.
- Tools/Software: Proficient in using Git for version control, Eclipse and VS Code for coding, and MS Office for documentation and presentations.

Projects

Incorporating data mining methods for enhancing fraud detection within financial sectors

- Developed a project to improve fraud detection in the financial sector by analysing transaction patterns and identifying fraudulent activities, specifically targeting healthcare insurance fraud in India.
- Led the front-end design and managed all presentation aspects of the project, utilizing Bootstrap to create a responsive and interactive UI, which earned an 'Outstanding' grade for my work.

Water Level Indicator

- Designed and developed a water level indicator using a 555timer integrated circuit, creating a reliable system for monitoring and alerting users to changes in water levels.
- Applied technical knowledge to minimize project costs by nearly 50%, effectively designing and developing the system. Led the project, utilizing theoretical concepts to create a cost-efficient solution

INTERNSHIP

Full Stack JAVA Application Development Intern   **March 2024 – May 2024**
Manac Infotech (Pvt) Limited.

- Gained hands-on experience in full stack Java development by building and optimizing robust applications.
- Developed and debugged Java applications to enhance performance and streamline code.
- Earned certification for demonstrating technical proficiency in Java programming and agile practices.

Technical Expertise in Java

- Proficient in Core Java: Skilled in Object-Oriented Programming (OOP), Java Collections Framework, exception handling, file handling, and generics.
- Daily Practice and Problem-Solving: Regularly practice Java programming by solving diverse coding problems and working on real-world scenarios to enhance technical skills and logical thinking.
- Tools: Tools such as Git, Eclipse, and VS Code.
- Certified in Java Programming: Successfully completed a Java programming course, certified by Talent Battle Learning Academy, showcasing technical expertise.