

# Uma Maheshwara Chary Jonnalagadda

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## 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 Vaagdevi College of Engineering	August, 2021 - September, 2024 Warangal, Telangana, India
Diploma in Electronics and Communication Engineering Vaagdevi College of Engineering	April, 2018 - August, 2021 Warangal, Telangana, India
SSC (Secondary School Certificate) Good News EM School	May, 2012 - March, 2018 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, earning 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 2023 – May 2023

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.

## Soft Skills

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- **Problem-Solving:** Strong ability to analyse complex issues, develop logical solutions, and implement effective strategies in coding and software development.
- **Analytical Thinking:** Skilled in breaking down problems into smaller components and evaluating them systematically to find optimal solutions.
- **Team Collaboration:** Experience working in team settings on software projects, contributing to joint problem-solving and achieving project goals.
- **Adaptability:** Able to quickly learn and apply new technologies, tools, and programming languages to meet evolving project requirements.
- **Time Management:** Proficient in managing multiple tasks, prioritizing work, and meeting deadlines in fast-paced development environments.

## Extracurricular Activities

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- **Volleyball**  
**Achievements:** Awarded medals and certificates for winning at the school level. Demonstrated teamwork, strategic thinking, and dedication.
- **Kabaddi**  
**Achievements:** Received medals and certificates for success at the school level. Showcased leadership, perseverance, and collaboration.
- **Active in Sports**  
Engaged in various sports activities, enhancing teamwork skills, physical fitness, and overall well-being

## Achievements and Awards

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- **7th Place, Mandal-Level Competitive Exam**  
Achieved 7th place in a competitive exam conducted at the mandal level, demonstrating strong analytical and problem-solving skills.
- **1st Place, Cursive Writing Competition**  
Awarded 1st place in a cursive writing competition, showcasing exceptional penmanship and attention to detail.
- **Hackathon**  
Participated in AGRI Hackathon to show case my problem-solving skills.