

# UMA G S

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## PROFESSIONAL OBJECTIVE

Motivated engineering student with strong problem-solving, coordination, and analytical skills seeking an operations-focused internship in retail and supply chain management. Interested in learning dark store operations, inventory control, manpower planning, and process execution while contributing to team performance and customer satisfaction.

## EDUCATION

<b>Don Bosco Institute of Technology, Kumbalgodu</b>	Jul 2022 - Jun 2026
Bachelors of Engineering in Computer Science and Engineering	Bengaluru
8.61 CGPA	
<b>Relevant Courses: C Programming, Python Programming, Data Structures &amp; Algorithms, Machine Learning</b>	
<b>Excel PU College</b>	Jul 2021 - Apr 2022
Pre-University College	Dakshina Kannada
Percentage 94.3	
Physics, Chemistry, Mathematics, Biology	

## SKILLS

- Programming Languages: C, Python, C++
- Technical Skills: SQL, Basics of Google Sheets, Basics of Excel
- Web Technologies: HTML, CSS, Basics of Flask
- Frameworks & Tools: Git/GitHub
- Soft Skills: Leadership, Time Management, Communication, Decision making, Problem-solving

## PROJECTS

<b>Automated Kidney Disease Detection System</b>	June 2025 – Nov 2025
<ul style="list-style-type: none"><li>• Built a Python-based ML system to detect kidney disease from patient data with over 90% accuracy.</li><li>• Implemented data preprocessing, feature selection, and model training using Random Forest and SVM algorithms.</li><li>• Designed dashboards for monitoring system performance and outputs.</li><li>• Developed a Flask web app for real-time predictions, improving diagnostic efficiency and accessibility.</li></ul>	
<b>Air Canvas using OpenCV and NumPy</b>	Apr 2024 – Jan 2025
<ul style="list-style-type: none"><li>• Developed an interactive Air Canvas application using OpenCV and NumPy that allows users to draw in the air using hand gestures tracked via webcam.</li><li>• Implemented color detection and contour tracking algorithms for real-time gesture recognition and smooth drawing performance.</li><li>• Optimized frame processing for minimal latency, enhancing drawing accuracy and user experience.</li></ul>	
<b>Samsung Innovation Campus –IoT</b>	Mar 2024 – Apr 2025
<ul style="list-style-type: none"><li>• Worked on building IoT projects like Industry Safety Monitoring System and built a web application where Industry Safety can be monitored from anywhere.</li><li>• Improved process accuracy through structured monitoring and reporting.</li><li>• Analyzed operational delays and improved response efficiency.</li></ul>	

## CERTIFICATIONS

- Artificial Intelligence & Machine Learning Foundations  
TNS India Foundation  
Certified in Machine Learning and Artificial Intelligence
- TechA Computer Vision Certification
- Database Management System Certification