



Vijayagiri Shanthipriya		
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EDUCATION		
SR University	Electronics and Communication engineering	August 2023-May 2027
	Current CGPA: 9.6/10	Warangal, India
MJP BC Welfare Residential Junior College		June 2021-May 2023
	Intermediate GPA: 9.66/10	Peddapalli, Telangana
Zilla Parishad High School		June 2016-May 2021
	Schooling GPA: 10/10	Peddapalli, Telangana
EXPERIENCE		
Microsoft & EDUNET Virtual Internship	Foundations of Artificial Intelligence	April –May2025
	<ul style="list-style-type: none"> <li>Completed a certified 4-week internship focused on applied AI fundamentals, supervised by Microsoft experts and aligned with industry 4.0 skills.</li> <li>Developed practical knowledge in machine learning, including classification, clustering, and model evaluation techniques</li> <li>Applied Python-based tools to explore real-world AI use cases in healthcare, sustainability, and automation</li> <li>Enhanced understanding of ethical AI, data handling, and AI-powered decision systems through interactive modules.</li> </ul>	Remote, India
Code Alpha		June– July 2025
	Full Stack Development Intern	Mumbai, India
	<ul style="list-style-type: none"> <li>Engineered dynamic web solutions by merging frontend precision (HTML, CSS, JavaScript) with robust backend logic (Node.js, Express.js).</li> <li>Integrated real-time functionality through RESTful API design and optimized data handling using MongoDB.</li> <li>Adapted rapidly to project needs, exhibiting a proactive learning mindset and clean coding practices.</li> <li>Collaborated in a virtual team environment, strengthening communication, version control (Git), and agile delivery skills.</li> </ul>	
TECHNICAL SKILLS		
<ul style="list-style-type: none"> <li><b>Programming:</b> C   MATLAB   PYTHON</li> <li><b>Hardware Skills:</b> IC Layout  Digital/Analog Circuit Design  PCB Design  component testing  Troubleshooting</li> <li><b>Tools:</b> LT spice   Tinker Cad  Arduino IDE  VS Code</li> <li><b>Soft Skills:</b> Analytical Thinking  Visionary Thinking  Problem Solving  Leadership &amp;Teamwork  Adaptability </li> </ul>	<ul style="list-style-type: none"> <li><b>Source &amp; Version Control:</b> GitHub  Kaggle</li> <li><b>Specific Domains:</b> VLSI AIML IOT  CO  Digital Electronics  Control systems</li> </ul>	
PROJECTS		
Smart Mountain Climbing Stick  C  Arduino uno  GPS Module		SEP 2023
	<ul style="list-style-type: none"> <li>Designed a GPS-integrated smart stick using Arduino Uno to enhance mountaineer safety.</li> <li>Enabled real-time location tracking, route guidance, and emergency alert features.</li> <li>Focused on sensor integration, embedded programming, and rugged hardware design.</li> <li>Strengthened skills in IoT prototyping, problem-solving, and team collaboration.</li> </ul>	
Heart Disease Prediction Using Machine Learning  Python  Healthcare AI		NOV 2024
	<ul style="list-style-type: none"> <li>Built a binary classification model to predict heart disease using patient medical and diagnostic data.</li> <li>Applied ML algorithms including Logistic Regression, Random Forest, and SVM.</li> <li>Focused on early risk detection, optimizing model performance with metrics like recall and AUC-ROC.</li> <li>Gained hands-on experience in data preprocessing, feature selection, and model evaluation.</li> </ul>	
Steganography – Hiding Information in the Image  LSB  Cryptography  Encoding and Decoding		JUN 2025
	<ul style="list-style-type: none"> <li>Developed a Python-based tool to securely hide and extract text messages within digital images using the LSB steganography method.</li> <li>Manipulated pixel-level RGB values to embed binary data without visible distortion to the image.</li> <li>Implemented a simple user interface for encoding and decoding messages from images.</li> <li>Gained hands-on experience in image processing and basic data security techniques.</li> </ul>	

ACCOMPLISHMENTS

- **2025 Grand Finale** participant and **Team Leader** for **ASHA AI HAKATHON** conducted by **HACK2SKILL**.
- **2025 Flipkart runway challenge season-5** participant.
- Consistently ranked at the **top of the class** across **Semesters I, II, and III**, demonstrating **Academic Excellence** and **Subject Mastery**.
- Led a winning team in **The Smart India Hackathon** conducted by **SR University**, leveraging **AI based Technology** to develop a **Dynamic adaptive traffic management** system project based on real time traffic conditions using AI, machine learning and IOT to improve efficiency and reduce congestion.

ADDITIONAL CERTIFICATIONS

● Cisco Certified: Cybersecurity Fundamentals	<b>July 2024</b>
● Goldman Sachs: Operations Job Simulation	<b>June 2025</b>
● Microsoft Certified: Career Essentials in Generative Ai	<b>Aug 2024</b>
● Saylor certified: Computer Architecture	<b>Mar 2025</b>
● TCS ion career edge-young professional	<b>Apr 2025</b>
● Deloitte Certified: Technology Job Simulation	<b>June 2025</b>