

KartEEK Chinnala

College Graduate | Software Engineer

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SUMMARY

Seeking entry-level Software Engineer role to apply programming skills and contribute to innovative projects. Passionate about technology, eager to collaborate with professionals for excellence in software engineering.

EDUCATION

Bachelor of Technology in Computer Science and Engineering (IoT)	March 2020 – August 2024
Ramachandra College of Engineering	CGPA: 7.61
Board of Intermediate Education	April 2018 – May 2020
Maruthi Junior College	CGPA: 88%

TECHNICAL SKILLS

- **Programming Languages:** C, Python, Java, IoT
- **Web Development:** HTML, CSS, JavaScript
- **Database Management:** MySQL
- **Operating Systems:** Windows
- **Software Tools:** MS Office

PROJECTS

IoT BASED SMART SUGARCANE BUD CUTTING MACHINE

- Developed an automated system for precise and efficient cutting of sugarcane buds using IoT technology.
- Implemented IoT sensors and devices to monitor and control the cutting process remotely
- Proficient in using Arduino and Raspberry Pi platforms, and programming with Python
- Implemented machine learning algorithms for accurate detection and identification of sugarcane buds, enhancing the precision of the cutting process.
- Enhance sugarcane cultivation by ensuring consistent bud cutting, and Reduce manual labour and minimize errors during bud cutting.

INTERNSHIPS

AWS Academy	May 2023 – July 2023
AWS Data Analytics Virtual Internship	
<ul style="list-style-type: none">• Demonstrated proficiency in data analytics on the AWS platform, achieving certification with an impressive top-tier score.• Leveraged AWS tools to analyze large datasets, resulting in a notable 30% improvement in data processing efficiency.• Applied machine learning algorithms to extract actionable insights from complex datasets, enhancing predictive accuracy by 25%.• Collaborated effectively with cross-functional teams to develop and implement data-driven solutions, driving business growth and optimization.	
Advance Mechanical Services Pvt. Ltd	March 2023 – April 2023
Industrial IoT	
<ul style="list-style-type: none">• Gained valuable hands-on experience in Industrial Internet of Things (IIoT), implementing innovative strategies to optimize manufacturing processes.• Applied advanced Additive Manufacturing techniques, resulting in a significant 15% reduction in production costs while maintaining high-quality standards.• Recognized for outstanding performance and innovative contributions to projects aimed at driving operational excellence.	
Government of Andhra Pradesh	January 2024 – April 2024
Future Skill Expert	
<ul style="list-style-type: none">• As a Future Skills Expert, I actively contributed to the skill development of students in government schools.• My role involved training students in essential digital skills, bridging the gap between theoretical knowledge and practical application.	

CERTIFICATIONS

- Completed workshop on cyber space - challenges and opportunities.
- Attained certificate for participation in technical fest code rummy.
- Completed Microchip Embedded Systems Virtual Internship certification with Microchip Technologies.
- Achieved certificate for the participation in SMART INDIA HACKATHON 2023.