

# Kukkala Jayanth Kumar

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## CAREER OBJECTIVE

To secure a position in a reputed organization where I can contribute positively to the team, learn through real-time experience, and grow into a responsible professional. I aim to build a strong foundation for my career through dedication, adaptability and continuous improvement while working towards organizational success and long-term goals.

## TECHNICAL SKILLS

- **Languages:** C Programming Language, Core Java.
- **Database:** SQL.
- **Web Technologies:** HTML, CSS.
- **Cloud:** AWS (IAM, EC2, S3, LAMBDA, VPC, ELB, CI/CD Pipeline, Cloud Watch).
- **DevOps:** Docker, Ansible, Terraform, Git, CI/Cd, Kubernetes.
- **Developer Tools:** GitHub, Visual Studio Code, Cadence, Arduino.
- **Soft Skills:** Leadership, Problem-Solving, Collaborative.

## EDUCATION

### Bachelor of Engineering in Electronics & communication

LAKI REDDY BALI REEDY COLLEGE OF ENGINEERING

Mylavaram

Nov 2021 – Apr 2025

- CGPA: 8.91

### Intermediate

Sri Chaitanya Junior College

Palakollu

June 2019 – March 2021

- Percentage: 92%

### 10<sup>th</sup> Standard (SSC)

ASR ZPH School

Jinnuru

June 2018 – March 2019

- Percentage: 90%

## ACADEMIC PROJECTS

- Automated Pulmonary Nodule Classification and Detection using Deep Residual Network.
- Smart Election Monitoring system using Lab-View with Real-time biometric integration.
- Smart Glove Using Arduino with IOT.
- Design and Analysis of Trishul Shaped Micro-strip Patch Antenna.

## PROJECTS

- Designed and deployed a secure 2-tier AWS VPC with public/ private subnets, NAT gateway, and routing, enabling isolated backend instance & scalable access.
- Built and hosted a personal portfolio using GitHub pages, improving online visibility and showcasing skills.

## INTERNSHIP

### BHARAT HEAVY ELECTRICAL PRIVATE LIMITED (BHEL)

May–2024

- Studied and analyzed advanced gas turbine controllers for enhanced efficiency and safety.
- Designed and implemented a CO<sub>2</sub> fire suppression system, ensuring NFPA-12 compliance.
- Gained hands-on experience in fire suppression system design, safety protocols, and industrial Fire Protection.
- Integrated key components (CO<sub>2</sub> cylinders, solenoid valves, discharge pipes, pressure, Switches, Fire detectors) for effective operation.
- Developed extended discharge mechanisms to prevent re-flash in high-temperature zones, gaining practical experience in industrial fire protection and safety system design.

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## CERTIFICATIONS

- Pursuing AWS Certified Cloud Practitioner.
  - **Salesforce Certification:** AI Associate.
  - **Java Full Stack Certification:** Wipro.
  - **MySQL Basics:** Great Learning.
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## WORKSHOP

- Participated in hands on work shop on embedded system by ADAQ Technologies PVT.LTD.
  - Participated in hands on work shop on PCD DESIGN by Reconfigurable Computing Club.
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## EXTRA / CO-CURRICULAR ACTIVITIES

- Central Coordinator for Promotion LAKSHYA 2k24.
- Winner, Volleyball Tournament (2023, 2024).