

KLINTON REDDY K

Software Developer / Engineer

+91 63020 07230

klintonreddy77@gmail.com

Bangalore, KA

Objective

Self-motivated and hardworking B.Tech (ECE) graduate (2024) with strong knowledge of Python, C, and DevOps fundamentals. Skilled in developing real-world projects, debugging, and applying analytical thinking to solve problems. Passionate about beginning a career as a Software Engineer (Python/Full Stack) and contributing technical expertise and adaptability to dynamic teams.

Technical Skills

- **Programming Languages:** Python, C
- **Databases:** SQL (Basics)
- **Concepts:** Data Structures, IoT-based Systems, Automation, DevOps basics
- **Tools:** Git/GitHub, VS Code, Linux (Basics)
- **Soft Skills:** Critical Thinking, Problem-Solving, Team Collaboration, Adaptability

Project Experience

Smart Crop Protection & Irrigation System

Tech Stack: C, IoT Sensors, Automation Tools

- Developed an IoT-enabled system to protect crops from wildlife intrusion (elephants, wild pigs, monkeys, deer, birds) and automate irrigation.
- Designed and integrated sensors for motion detection to trigger crop protection responses.
- Implemented an automated irrigation module to reduce manual labor and optimize water usage.
- Aimed to increase agricultural productivity and support farmers in protecting their livelihoods.

Internship Experience

Machine Learning Intern – Indo German Institute of Advanced Technology
(May 2024 – Jul 2024)

- Gained hands-on experience in **building ML models** and implementing data-driven solutions for real-world applications.

Web Development Intern – Internshala
(Jul 2023 – Sep 2023)

- Completed a **virtual training and project-based internship** in web development.
- Developed and deployed web applications using **front-end and back-end technologies**.

Education

Bachelor of Engineering – Electronics & Communication Engineering Sri Venkateshwara College of Engineering & Technology, Chittoor Percentage: 61%	<i>2020 – 2024</i>
Intermediate (CBSE – Class XII) Penchal Reddy CBSE High School, Rayachoty Percentage: 83.2%	<i>2019</i>
SSC (Class X) VR High School, Rayachoty GPA: 10/10	<i>2017</i>

Certifications & Training

- **PCB Design Workshop**
 - Gained hands-on experience in **designing and simulating printed circuit boards (PCBs)**.
 - Learned **circuit layout techniques, schematic design, and component placement**.
 - Acquired knowledge of **testing and troubleshooting methods for electronic circuits**.
 - Developed practical skills in **hardware-software integration** and real-world electronics applications.

Activities

Personal Details

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| • Name | Klinton Reddy Kothakalva |
| • D.O.B | 01 Jan 2002 |
| • Languages Known | English, Hindi, Telugu |
| • Address | 402, Sri Sai Maruthi Enclave, 4th B Cross, Sri Venkateshwara
Layout, Mahadevpura, Bangalore – 560048 |