KLINTON REDDY K

Software Developer / Engineer

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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 (Java/Python/Full Stack)** and contributing technical expertise and adaptability to dynamic teams.

Technical Skills

- **Programming Languages:** Python, C, Java basics
- **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	*2020 – 2024*

Sri Venkateshwara College of Engineering & Technology, Chittoor
Percentage: 61%

Intermediate (CBSE – Class XII)	*2019*

Penchal Reddy CBSE High School, Rayachoty
Percentage: 83.2%

SSC (Class X)	*2017*

VR High School, Rayachoty
GPA: 10/10

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.

Achievements & Extra-Curricular Activities

- Active participation in technical workshops and academic projects.
- Cricket enthusiast and passionate about gardening and sustainability.

Personal Details

- 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