**S.S.S. AJAY KUMAR**

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**OBJECTIVE**

A highly analytical and detail-oriented individual with a strong background in electrical and electronics Possessing excellent technical skills, including proficiency in core and programming languages, Passionate about continuously learning and staying updated with the latest advancements in data analytics. I am looking to secure a position that will enable me to use my technical and analytical skills.

**INTERNSHIPS**

**Digital marketing in Crystal EDU services**

* Analyzed client requirements and built trust among the company by generating numerous leads by using AI. And looked after the team by assigning various tasks to generate and maintain website of Crystal EDU services.

**PROJECTS**

**Geo-fencing using gps and gsm**

* Built a geo-fencing system using an Arduino board. A virtual fence was created for certain limit. For tracking an object, a GPS- based monitoring system with geo-fencing functionality was designed.
* These boundaries are established using GPs, WI-FI, cellular data, RFID, or other technologies, and they can be used to start processes like issuing alerts, monitoring movement, or gathering data.

**Wireless power charger using super capacitors**

* A small step towards fast charging has been proposed based on a paper. Our work is focused on wireless power transfer (WPT) as well as the reduction in charging time.

**Smart water irrigation using arduino**

* In this automated plant watering system, soil moisture sensor senses the moisture level of the soil. If soil is dried, then water pump is switched on to supply water. This is possible with the help of an Arduino board.

**CERTIFICATIONS:**

* Artificial intelligence from Onestop

**SKILLS:**

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| **TECHNICAL SKILLS** | **INTERPERSONAL SKILLS** |
| * Programming Languages: Python, C language * Databases: SQL * Embedded C * Experience with Microsoft Office, including Word, and Excel | * Clear oral and written communication skills. * Risk management * Willingness and availability to work in night shifts * Demonstrated positive, results oriented attitude * Excellent team player capable of learning and sharing knowledge in a team environment * Ability to maintain high levels of confidentiality * Excellent problem-solving skills * Time management and ability to meet deadlines * Attention to detail and accuracy |

**EDUCATION:**

* **Btech ( 2019 - 2023 ) :Vignan’s Institute of Information Technology**

Electrical and electronics engineering, CGPA: 7.1

* **Intermediate ( 2017 - 2019 )** – Sri Chaitanya Junior College

Maths, physics and chemistry (MPC), CGPA: 8.4

* **Matric (2016 - 2017): kendriya Vidyala Malkapuram**

CGPA: 8.4