

# SIDDHU KALAVALAPUDI

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## OBJECTIVE

Enthusiastic Software Development Engineer skilled in Python and JavaScript. Experienced in designing complex system components, performance-critical subsystems, and detailed documentation. Strong team collaborator, tackling challenging projects with ease. Ready to apply my skills in a dynamic, innovation-driven organization.

## EDUCATION

### B.Tech in Electrical and Electronics Engineering

Nov'21-May'24

- Siddharth Institute of Engineering & Technology

7.48 CGPA / 10 CGPA

### Diploma in Electrical and Electronics Engineering

June'17 – April'21

- State Board of Technical Education & Training

68 % / 100 %

## SOFTWARE SKILLS

**Programming Languages** : Python, JavaScript

**Technologies** : HTML5, CSS, Express.js, NodeJS, React.js

**Databases** : SQLite, MongoDB

**Tools & Frameworks** : Git, REST APIs, Power BI

**Systems & Environments** : Windows

**Other** : Data Analytics,

## PROJECTS

### Food Munch

- Developed a responsive website for a food store with a mobile-first approach using HTML, CSS, and Bootstrap.

### Wikipedia Search Application

- Built a custom Wikipedia search application using HTML, CSS, JS, REST API calls, and Bootstrap for a seamless user experience.

### Todos Application

- Created a task management solution with HTML, CSS, JS, and Bootstrap for CRUD operations and local storage methods for task persistence.

### Smart Blind Stick (Mini Project)

- Developed using Arduino for One month.

### Enhancing Smart Grids (Major Project)

- Designed an IoT and cloud-based smart meter system to predict energy consumption with time series data over 4 months

## INTERNSHIPS

### Nxtwave Disruptive Technologies

- Gained Industry Ready Certification in MERN Full-stack Development, focusing on Frontend and Backend engineering aspects with Javascript, React.js, Node.js and Express

### Internship at Rithwik Power Plant Pvt . Ltd

- Duration: 6 months
- Developed practical skills in power plant operations and maintenance, enhancing problem-solving abilities in a technical environment.

### **Virtual Internship at MathWorks**

- Duration: 5 months
- Worked on AI and cloud-based smart meter projects, gaining experience in scalable designs and performance optimization.

### **Summer Internship at Coincent**

- Duration : 5 months
- Focused on Artificial Intelligence with Python, contributing to machine learning and data analytics projects

### **Human Resources Intern**

- Duration : 3 months
- Developed interpersonal skills and a strong understanding of organizational dynamics.

## **CERTIFICATIONS**

<b>Wadhvani Foundation</b>	: 21st Century Employability Skills Program - Advanced
<b>Microsoft</b>	AZ-900 Microsoft Azure Fundamentals, : Microsoft MTA Mobility and Device Fundamentals
<b>Infosys Python Certificate</b>	: Basics of Python
<b>AICTE Virtual Internship Program</b>	: Get Started with AI (Supported by MathWorks)
<b>Ethical Hacking Mega Workshop</b>	: Malicious Email Investigation
<b>Generative AI Mega Workshop</b>	: Building a Generative AI Application
<b>Data Analyst Mega Workshop</b>	: Building a Dashboard using Power BI , Kaggle, Excel

## **PERSONAL ATTRIBUTES**

Good Communication Skill  
Decision Making  
Quick Learner  
Positive attitude  
Self-Confident.  
Adaptable to any kind of work Environment.

## **EXTRA CURRICULAR ACTIVITIES**

Active Coordinator of various events such as Association conducted in College.  
CEI Design Consultancy Registered with HPTCP/MSME  
HR Intern Internship Offer Letter  
Surfing Internet for new things

## **DECLARATION**

The information presented in this resume accurately reflects my qualifications and experience

**Place:**

**Date:**

**SIDDHU KALAVALAPUDI**