

# Sidharth Raj

Software | IoT | Automation

Agile Software Engineer talented at contributing to multi-team development projects. Collaborative Project Engineer thrives in cross-team and multi-vendor environments. Solution-oriented problem solver with excellent communication and leadership skills with background in software project engineering and engineering product development.

✉ sidharthraj1995@gmail.com

📍 Cincinnati, OH

in linkedin.com/in/sidharthraj1995

📞 +1-313-652-7269

🌐 sidharthraj1995.github.io

## WORK EXPERIENCE

### Software Engineer

Honeywell Intelligrated 

02/2020 - Present

Mason, OH

#### Tasks

- Leveraged C# and C++ skills to configure machine control solutions for conveyors and high speed sortation systems for large scale material handling projects.
- Deployed custom warehouse automation solutions, cross-team troubleshooting and project debugging for major e-com companies.
- Database management and debugging.

### Software Intern

Honeywell Intelligrated 

08/2019 - 12/2019

Mason, OH

#### Tasks

- Extensive management of DBs working along-side Honeywell's proprietary software to configure various customer sites.

## PERSONAL PROJECTS

### Document Automation Tool [DAT] (08/2019 - 10/2019)

- Developed proprietary application for Honeywell to generate proposals and contracts on-the-go.
- WFA designed and developed on C# (.NET) capable of creating a new document and editing an existing document.
- Reducing the existing time taken to develop a document from 40 mins to < 10 mins, estimated to save Honeywell over 50% each year.

### Connect4 w/ Komodo Blockchain


- Game developed using python with both single player and multi-player option.
- Connected with Komodo blockchain to reward the winner.

### HomeAssistant - RPi|Arduino|ESP (05/2020 - Present)

- Agile development of various low-cost modules to capture daily routines, collect event based data and execute assistive commands.
- Motion-tracking w/ smart lighting; Vision-based front door security w/ radar sensed presence detection; garden management system w/ smart irrigation and env sensing and reporting\*

## EDUCATION

### M.S. Computer Engineering

University of Texas 

08/2017 - 12/2019

Arlington, TX

### B.Tech. Electronics and Instrumentation

S.R.M University 

06/2013 - 05/2017

Chennai, India

## SKILLS



## ACHIEVEMENTS

### Bravo Award - Bronze

Honeywell - Think big .... Then make it happen

### Blockchain challenge

Ranked #3 in the intra-department blockchain event.

## CERTIFICATES

### Yokogawa

Distributed Control System

### Design for Six Sigma

Software Application

## ORGANIZATIONS

### JCrayTech (05/2021 - Present)

Advisor

### SPIE - SRM Chapter (2015 - 2017)

Treasurer

### Delhi Public School (2015 - 2017)

Student President - Quiz Society

### Somerville School (2010 - 2011)

Head Boy - Scholastic

## LANGUAGES

### English

Full Professional Proficiency

### Hindi

Full Professional Proficiency