

Sidharth Raj

Software | IoT | Automation

Solution-oriented problem solver, working as a software engineer. Collaboration with cross functional teams and customers. Excellent communication and leadership skills with background in software project engineering and engineering product development.

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WORK EXPERIENCE

Software Engineer Honeywell Intelligrated

02/2020 - Present

Mason, OH

Tasks

- Leveraging SQL and C++ skills to configure custom Honeywell software at multiple customer sites.
- Configuring and developing warehouse automation solution, travel to site in order to integrate software with new systems.

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

- Developing low-cost modules to automate various routines, collect data to create patterns.

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