

SANDHYA RANI

CURRICULUM VITAE

Brief Introduction:

I am a post graduate in mechatronics, technology enthusiast and maker. I keep myself occupied by making tech and non tech things and spreading the knowledge to people around me.

RECENT EXPERIENCE

iBot Labs www.iamibot.com
Product manager January 2018 – October 2019
Managed and developed 6 IoT products which sell as iBot's Off the Shelf connected products and solutions. Experienced in defining features and executing them to Industry standard use cases. This was done by acting as a SPOC for the engineering team in terms of explaining the requirements and ensuring top quality was delivered.

EtchBricks www.EtchBricks.com
Co-Founder: May 2015 - present
Co-Founded this company which deals with development of electronic DIY Self learning kits for children of age group as young as 7-12 years. Most of my time here was dedicated to product management and development and testing it on students of various age groups to improve.

Kriyative Edge www.kriyative-edge.com
Team Lead: April 2014 - May 2015
Developed content and trained young children on Robotics and programming using Lego and Blockly. Lead a team of 5 trainers to create content, organize and conduct workshops and summer camps.

GET IN TOUCH

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SKILLS

Product Management
IoT Last mile devices
Solution documents
Vendor management
3D CAD
Circuit designing
Product Development
Arduino Programming
Quick Prototyping
Idea from paper to life

SOFT SKILLS

Technical Writing
Breaking down ideas into executable steps

RECENT PROJECTS

I have actively managed and developed 6 products over a period of 2 years at iBot. These sell as iBot's standard OTS products to customers with various requirements.

Button, a standalone 4G LTE device which can be configured to make any kind of service call like SoS, Room service, Purchase or Inventory management.

Smart Plug, a standalone 4G gateway supporting BLE and WiFi based node devices. It also calculates the power consumed by the device connected to it.

Volt, a BLE based battery monitoring system for lead acid batteries used in automotive industry. It calculates Voltage, current and SoC of the battery and sends it out over BLE.

Auto, OBD-II device with BLE/4G LTE support and automatic protocol detection while communicating with the ECU. It can also act as a gateway for BLE sensors within the vehicle.

Badge, device for people tracking and mobile workforce management.

Track, an AIS140 compliant device which can also act as a gateway for BLE sensors within a vehicle.