

Manoj Kumar. K

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PROFILE

- Undergraduate Electronics Engineer and a passionate entrepreneur.
- Versatile and able to move gracefully within and between three different sets of skills to accomplish various tasks, depending upon the circumstance or the developmental level of the team.

EDUCATION

Easwari Engineering College	Chennai, TN
<i>B.E. Electronics and Instrumentation Engineering</i>	2013 - 2017
Balalok Matric. Hr. Sec. School	Chennai, TN
<i>Biology as core subject.</i>	2013

EXPERIENCE

RenaiSense LLP

Co – Founder & Design Engineer 2015 – Present

- Founded the company to develop low cost biomedical and agro sensing devices for the Internet age.

Flexigrid Ltd.

Web Developer and Graphic Designer 2013 – 2015

- HTML5 and CSS based Web Development for Portfolios and Events.

Globus Fashion

Sales Trainee– Intern 2012

- Business and Marketing skills for the fashion Industry.

PROJECTS

- FarmCorder

Low cost (40\$) GSM,GPS enabled clip-sensor device to measure leaf chlorophyll content ,NPK deficiency and provide farmers accurate fertilizer application plans.

- Raksh

Low cost (25\$) ear worn Bluetooth device that non-invasively and non-obtrusively monitors an infant with pneumonia by tracking respiration rate, blood oxygenation, body temperature and PPG.

- MedCorder

A wearable continuous and comfortable fabric based 5 lead ECG monitor with respiration, PPG and sweat analysis for patients with cardiac ailments.

- ESPyr

A low cost Augmented Reality eyewear to provide sound location visualization and real time translations for hearing impaired.

- MyoSense

A Wearable sleeve for ALS/Parkinson's to monitor EMG and motion data (Eeonyx and IMU) to detect tremors which are sent over BLE/WiFi to doctors.

ACCOMPLISHMENT

- Second runner up at Texas Instruments India Design Challenge for the project FarmCorder - 2015
- Second prize winner at In50Hrs IoT hackathon for the project Medcorder – A wearable remote ECG Monitoring vest - 2016
- Started up RenaiSense LLP for making low cost biomedical sensors with a vision to provide excelling products. - 2015
- One among 10 global finalists in the UNICEF's Wearable's for good 2015 competition for Project Raksh - 2015
- 1st prize winner for project display at SSN's symposium Eupraxia - 2013
- Finalist at the IIT-Madras - Shaastra Lunar Rover design challenge - 2013

INTERESTS

- Inline Skating - National level athlete
- Sketching models and Pastel Painting
- Dance – College Dance Group