

SHAKEB AMEEN

Innovator / IoT Engineer / Cloud Enthusiast



EXPERIENCE

Aug 2019 – Present **National Chiao Tung University, Taiwan** **Research Intern @ TEEP**
Responsible for research in *IoT for Safety Engineering* in construction industries. Designing complete embedded lifecycle and an IoT product for safety of workers in any workplace.

IIoT, nRF91, UWB, NB-IoT

Oct 2019 – Dec 2020 **Sigfox Hacking House, Taipei, Taiwan** **Participant**
Gained product building experience from the industry leaders and business experts from Sigfox ecosystem. Invented *eCap* - Smart Connected Workforce Tracker.

Sigfox, LPWAN

Sep 2017 – Sep 2018 **IoT R&D Lab** **Junior Research Fellow, Technical Writer**
Worked on MQTT based novel approach for air quality monitoring and real time weather analysis with alert facility for residents. Designed a HTML documentation of *Smart Floor warning system* project.

HTML, CSS, MySQL, ZigBee, Azure IoT, Python

In addition to the mentioned experience, I have also been working on personal projects like [technical blogs](#), [web development](#) and freelancing since 2016

EDUCATION

Feb 2019 – June 2019 **Nanhua University, Taiwan**
Exchange Student in Semester Abroad Programme

2016 – 2020 **KIIT University, India (8.1/10)**
Bachelor of Technology in Information Technology

AWARDS & ACHIEVEMENTS

Jan 2020 **Sigfox hacking House, Taipei** **Winner of Season 2 Cohort**
Pitched a connected workforce device *eCap*, serving the connected devices market for construction workers and safety managers.

Nov 2018 **Smart Odisha Hackathon, Govt. of India** **National Winner**
Won the National Prize in *Open Innovation challenge for smart technologies*, at the Smart Odisha Hackathon 2018 by Make in Odisha Conclave, Govt. of India.

Oct 2018 **TATA Crucible Corporate Hackathon** **Grand Prize Winner**
Developed a winning solution for the *Smart City Enabler challenge - CityX* a IoT platform for the new age problems of Smart Cities using custom IoT gateway.

July 2018 **Smart India Hackathon Hardware Edition** **National Finalist**
Developed and pitched a *Smart Mesh* based Smart Communication for Flood Warning at World's Biggest Open Innovation Movement in India.

Dec 2017 **Make-o-vation** **Runner Up**
Developed and pitched a *Smart Air Quality Index* device for Smart Homes and industries.

PERSONAL INFO

Address

📍 Bhubaneswar, Odisha, India

Phone

📞 (+91) 7033 622 361

Email

✉️ me@shakebameen.com

SKILLS

Internet of Things — Arduino, Texas Instruments, Mediatek, Raspberry Pi, Onion, Libellium Waspote, Nordic Semiconductor

Full Stack — HTML, CSS, PHP, C#, Java, Python

Database — MSSQL, MySQL, Firebase

Communication Protocols — BLE, LoRa, ZigBee, HTTP, MQTT, Sigfox, NB-IoT, UWB

Tools & Frameworks

CodeIgniter, Segger Embedded Studio, Altium Designer

Cloud & Networking — AWS, Google Cloud Platform, Microsoft Azure

Documentation & Web — Jekyll, HTML, CSS, PHP

REFERENCES

Mr Ching Yao-Huang
Professor

National Chiao Tung University, Taiwan

📞 (+91) 9437 041 465

✉️ cyhuang@mail.nctu.edu.tw

Mr Sameer Gitay

CFO

SQR Infotech Pvt Ltd, Pune, India

📞 (+91) 9552 549 447

✉️ sameersqr@gmail.com