

SHAKEB AMEEN

Entrepreneur / Innovator / IoT Enthusiast



EXPERIENCE

June 2023 – **Locus Connect Technologies Co. Ltd., Taiwan** **CEO & Co-Founder**

Present Co-founded Locus Connect Technologies to build a complete IoT solution providing indoor and outdoor locations tracking systems for smart factories, athlete performance tracking and asset management.

Ultrawideband (UWB) Radio, Indoor Positioning

Sept 2021 – May 2023 **NYCU University Taiwan** **Research Engineer**

Gained product building experience from the from Taiwan's top university academia, industry leaders and business experts from Sigfox ecosystem. Invented *eCap* - Smart Connected Workforce Tracker.

UWB Radar Development, LPWAN, Team Management, DeepTech

Sep 2020 – Aug 2021 **Microsoft Azure Labs, India** **Junior Research Fellow**

Worked on MQTT based novel approach for air quality monitoring and real time weather analysis with alert facility for residents.

Azure IoT, TinyML, MQTT

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

June 2024 **BIRAC Award, India** **5 Million INR Grant by Dept. of BioTech India**

Awarded the *BIG20* grant by BIRAC, worth 5 Million Indian Rupee from Govt. of India for the development of *BoviSense* - Smart Connected Bovine Tracker that act as smartwatch for farm animals for monitoring their health parameters and location.

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.

PERSONAL INFO

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SKILLS

Business Management — Team Management, Product Management, Business Development, Project Management, Entrepreneurship

Systems Engineering — IoT, Embedded Systems, Hardware Design, PCB Design, Firmware Development

Software Development — Python, C, C++

Radio Engineering — UWB (Ultrawideband), LPWAN (Low Power Wide Area Network), LoRaWAN, Zigbee, BLE (Bluetooth Low Energy)

Data Science — Machine Learning, Deep Learning, Data Analysis

REFERENCES

Mr Ching Yao-Huang

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