



Gurjit Singh Gill

Personal Summary

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Mr. Gurjit Singh is a Founder Director and Design Head of Gill Instruments. Gill Instruments is a third-party Company of Texas Instruments. Gill Instruments provides design solutions in the area of Embedded Systems and Manufacture Development tools for MSP430 family.

In recent years, he has served extensively as a consultant to industry, ranging from start-ups to Fortune 100 companies. Recently has launched cloud Gateway for Internet of Things for factory Automation and Building Monitoring system. His area of Expertise is wireless sensor Network and smart Instrumentation.

He has been working closely with **Texas Instruments** for university programs since 2003. He has taken the initiative to set up embedded system labs across the country in various universities and Engineering colleges. He contributed some of the best development tools available today for embedded system designs. He regularly conducts Embedded System design and IoT workshops, where he has trained more than Five thousand engineers in the past 10 years.

Core Competency

- Concepts to Production
- System on Chip (MSP430)
- AFE analog front end
- Cloud Gateway
- MEMS Sensor
- Programming (Assembly /C/C++)
- Communication Protocols
(WSN / Modbus / Microwire/ Onewire / SPI/I2C/ IrDA/ RS-232 / RS-422/ RS-485/ 4-20mA)

Technology Leadership

Successfully designed developed and launched products for Smart cities and Smart Buildings under the brand Gill Sense.

- Smart Water Meter
- Smart Energy Meter
- Smart AMF panel
- Smart Temperature/ Humidity Transmitter
- Smart Pump controller
- Smart Liquid Level Gauge
- Android APP (Gill Sense)

MY Mission: Learn & Share.

My Therapy: Travel & Training.

My Religion: Digital.