SANDHEEP GOPINATH

Project Engineer, Digitalization

www.sandheepgopinath.com

CORE STRENGTHS

Industry 4.0 Consultation
Internet of Things
Digitalization
Product Development
Project Management
Stakeholder Management
Vendor Management
Agile Projects
Ignition SCADA
Siemens PLC
Technology Explorations

CONTACT DETAILS:

Telephone : +91 974 535 525 6
Website   : www.sandheepgopinath.com
Email   : me@sandheepgopinath.com
LinkedIn : @123sandheepgopinath
Address   : Horizon Daffodils,Padom
              Road,Vaduthala,Ernakulam, Kerala

ABOUT ME

A pleasant personality with dedication to passion.Looking forward to work to challenge and foster my skills which can be utilized the best for organisational growth.

EMPLOYMENT HISTORY

Danfoss Industries Pvt Ltd

GLOBAL GATEKEEPER- INTERNET OF THINGS, (2017 SEPTEMBER - PRESENT) PROJECT ENGINEER

Responsible for Development and Implementation of End of End Digitization and Digitalization Solutions for Danfoss Factories in India, Kolding, China, Nordborg, Poland and Mexico, Development of Inhouse Digitization and Automation products which are used internally in Danfoss Factories.
Other responsibilities include New Product Development, Project Management, Development of Industry 4.0 Solutions using Sensors, PLC, SCADA System and SQL Databases, Innovation, Developing Technical Hardware Standards for Industry 4.0 in the segment, Testing of Digitalization Solutions, Technology Explorations,etc

Synpase Technologies (2014-2017)

CO-FOUNDER, CHIEF EXECUTING OFFICER, INNOVATOR

Responsible for setting up the company from scratch by bringing together a group of like minded individuals. Responsible for Client Interactions, Team Management, Team Building , Procurement, Project Management, Product Development, Testing and Innovation. The customers ranged from Domestic to Industrial Product manufacturers and other Business like Water Theme Parks. Synapse also had Research and Development wing, where new products were developed for markets and for specific customer needs and also a Technical Training Wing, where we gave technical hands on technical training to students.

More details about our customers at :
https://sandheepgopinath1.wixsite.com/synapset

ACADEMIC HISTORY

UNIVERSITY OF TEXAS AT AUSTIN AND GREAT LEARNING

POST-GRADUATION IN MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE

-Ongoing, to be completed by August 2020

ACCEL IT ACADEMY

POST GRADUATE DIPLOMA IN EMBEDDED SYSTEM DESIGN

-Graduated in 2017
-Specialised in Embedded system hardware and software development
-Grade : A+

SREE CHITRA TIRUNAL COLLEGE OF ENGINEERING

BACHELORS IN TECHNOLOGY, ELECTRONICS AND COMMUNICATION

- Course Period : 2012-2016
- CGPA : 7.17/10

SBOA PUBLIC SCHOOL,COCHIN

COMPUTER SCIENCE - GRADE 12TH

-Graduated in 2012
-CGPA : 9.466

SBOA PUBLIC SCHOOL,COCHIN

COMPUTER SCIENCE - GRADE 10TH

-Graduated in 2012
-CGPA : 9.466

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PROJECTS

- **Digitalization of Hourly Registration in Danfoss Wuqing,China**
  -Project Location : Wuqing, China
  -Project Duration : 2 months
  -Onsite Duration : 1 month

- **Digitalization of Hourly Registration in Danfoss Kolding,Denmark**
  -Project Location : Kolding,Denmark
  -Project Duration : 5 months
  -Onsite Duration : 5 months

- **Pick By Light for Danfoss Nordborg, Denmark**
  -Project Location : Nordborg,Denmark
  -Project Duration : 1 month
  -Onsite Duration : 1 week

- **Digitalization of OEE Calculation in Danfoss Chennai,India**
  -Project Location :Chennai, India
  -Project Duration : 1 months

- **Digital Twin for Testing Equipment in Global Testing Lab in Danfoss Chennai, India**
  -Project Location :Chennai, India
  -Project Duration : 1 month

- **HVAC Controller(Patentable)**
- **Online Monitoring of Sensor Data**
- **Automatic Fumehood (Aegis)**
- **Ultra Fast Power Bank**
- **Smart Vehicle for Child Safety**
- **RFID Payment System with location tracking**
- **Brain Controlled Robot**
- **Smart LPG Monitoring Systems**
- **Electronic Passbox**
- **Internet enabled sensors**
- **Water Level Control System**
- **Presence based light Automation**

For more details:
https://www.sandheepgopinath.com/portfolio

POSITIONS OF RESPONSIBILITIES

- *Global Gatekeeper- Internet of Things in Danfoss from 2017- PRESENT*
- *End to End System Development for Hourly Registration System in Danfoss Refrigeration and Air Condition Factories.*
- *End to End System Development for Automatic OEE Registration in Danfoss India.*
- *Project Manager And End to End system Developer for Pick By Light and Digital Twin Projects*
- *Co-Founder/Innovator/Developer/Chief Executing officer in Synapse Technologies from 2014-2017*
- *Chairman of Council of Electronics Studies (CEST) in SCTCE 2015-2016*
- *Technical Trainer at DIYHacking and Synapse Education*
- *Technical Trainer at All India IT Academy, Trivandrum for 2016*
- *Kairos International Society Fellow from 2015-2017*
- *Technical Support in Raspberry Pi training conducted for Government Schools in Kerala by Technology Business Incubator, Trivandrum*

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ADDITIONAL COURSES

- *"Introduction to Database and SQL Querying" at Udemy*
- *"Advanced Databases and SQL Querying" at Udemy*
- *"Critical Cain Project Management" Course at XIME,Chennai*
- *"Learn Truth about Agile VS Waterfall" at Udemy*
- *"Agile Marketing" at Udemy*
- *Completed Silver, Gold and Platinum training at BSNL RTTC,Trivandrum*

HOBBIES

- *Bike Riding- Completed 18000 km of rides in Kerala,Karnataka and Tamil Nadu in period of 10 months*
- *Calligraphy- Self Taught*
- *Roller Skating*
- *Ice Skating*
- *Wind Surfing*
- *Pencil Drawing and Painting*
- *Basketball*
- *Dance*

LANGUAGES

- *English   - Read , Write, Talk*
- *Malayalam   - Read , Write, Talk*
- *Tamil   - Talk*