AS

ASHOK SHARMA
EMBEDDED SOFTWARE ENGINEER

OBJECTIVE

A dedicated professional with 3 years' experience in electronics and embedded domain. Possess comprehensive knowledge of product development and good techno-managerial skills. Now seeking to contribute my experience and knowledge in development team of Embedded /Electronics domain company.

TECHNICAL SKILLS

Schematic Capture
PCB designing (ORCAD, EAGLE)
QT, Linux, C++
Embedded C
8051 controllers
ARM controlers
RS485, SPI, I2C, UART
Power consumption control

SOFT SKILLS

Good communication skills
Critical thinking
Leadership
Time planning
Decision Making

EXPERIENCE

ENGINEER • PHOTONICS WATERTECH PVT. LTD. • SEP2016 TO PRESENT
- Schematic capture and PCB design.
- IOT home lighting Research.
- Application development using QT(C++) on Linux.

ENGINEER • KOMOLINE AEROSPACE LTD. • MARCH 2016 TO SEPT 2016
- Hardware design.
- Schematic capture and PCB design.
- Firmware development.

EXECUTIVE MANAGER • EMBEDDED PRECISION TECHNOLOGIES • MARCH 2014 TO MARCH 2016
- Directed Project Team in developing highly complex embedded systems like Drifter Data Buoy and Radio Sonde.
- Successfully resolved scheduling issues to bring project back in line with projected completion.
- Completed all projects in time and under budget.
- Designed analog and digital circuits.
  Coordinated schedules and assigned functions to various team members.

PROMINENT PROJECTS

RADIO SONDE • CLIENT : DRDO
The unit consist of integration of different sensors and provides parameters like temperature, humidity, pressure, altitude, GPS position etc. It is tied to a balloon and launched from the site. The unit continuously sends data to the base station through an RF link. This data consists of parameters at different strata of atmosphere.

DRIFTER DATA BUOY • CLIENT : NIOT
A complex integration of different sensors that takes data from the sea and transmits it to the base station through INSAT satellite communication. It provide temperature at different levels of water underneath and sea surface temperature. It has a sophisticated algorithm of measurement timing and manipulation of different parameters

ashoksharma842@gmail.com   +91 8866335315   https://in.linkedin.com/in/ashoksharma842

AS

ASHOK SHARMA

EMBEDDED SOFTWARE ENGINEER

PERSONAL DETAILS:

DOB : 15 July 1989
Address: Sec.6c Gandhinagar
Marital Status : Married
Domicile : Haryana

AEPS MICRO ATM • CLIENT : RAGINI SOFTWARES

Developing Application for Micro ATM device for Aadhaar Enabled Payment System. Built on Linux and QT (C++) it communicates with bank server via ISO8583 messages.

EDUCATION

MASTERS OF TECHNOLOGY • 2013 • GUJARAT TECHNOLOGICAL UNIVERSITY

Field : Digital communications
College : Parul Institute of Engineering and Technology
CPI : 7.92
Dissertation : Palm Print Recognition using Zernike Moments

BACHELORS OF ENGINEERING • 2011 • SARDAR PATEL UNIVERSITY

Field : Electronics and Telecommunications
College : Birla Vishwakarma Mahavidyalaya
CPI : 6.6
Project : Biomedical instruments and Project on Image Processing

HIGHER SECONDRY SCHOOL CERTIFICATE • 2007 • GUJARAT SECONDARY AND HIGHER SECONDARY EDUCATION BOARD

Subject: Science
Percentage : 80.60%

SECONDARY SCHOOL CERTIFICATE • 2005 • GUJARAT SECONDARY AND HIGHER SECONDARY EDUCATION BOARD

Subject : General
Percentage : 81.00%

PUBLICATIONS

PALM PRINT RECOGNITION USING ZERNIKE MOMENT • MAY 11, 2013 • IJSTE JOURNAL

Development of Palm prints as a biometric system using Zernike Moments' concept. This gives rotational independence in identification and verification of biometrics.

ashoksharma842@gmail.com

+91 8866335315

https://in.linkedin.com/in/ashoksharma842