### Sheik

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**OBJECTIVE**

To make use of my experience of working in an institution and would therefore be extremely interested in any potential vacancies that might arise.

**QUALIFICATION**

* Passed M.E. VLSI Design Part Time, Anna University (2010-2013), 7.57 CGPA
* Passed B.E. (Electronics and Communication Engineering) Full Time, Madurai Kamaraj University (1997-2001), 64.46%

**WORK EXPERIENCE**

## ­­­Total 11.5 years (8 years 2 months in Teaching & 3 years 4 months in Industry)

**Institution: U-CAN-DO Innovations & Solutions**

Designation: Faculty cum Training Head (1st Oct 2015 to Present date, 1 year 6 months)

**Projects:**

* Vehicle Overheat, Tilt angle Finder with SMS alert for abnormal situations.
* Ambulance Rescue System
* Alerting system for Attendees to serve Paralyzed people.
* Water Level Controller with Electricity switching facility for pumping the water

**Job Summary:**

* Lecturing theoretical working principles
* Instructing practical training on Microcontroller based embedded circuits
* Supporting and guiding the academic projects.
* Creating new projects for commercial usage.

Institution: Sethu Institute of Technology

Designation: Assistant Professor (1st July 2010 – 30th April 2015, 4 years and 10 months)

**Department:** Electronics and Instrumentation Engineering.

**Projects Assisted:**

* Digital Storage and Display system for Automobiles
* Heart rate Measurement and Messaging Alert system for Patients
* Home Automation and Security System
* Parameter Monitoring System for Industries.

**Job Summary:**

* Subject handling – Microprocessor & Microcontroller, Embedded System
* Laboratory handling – Microprocessor Lab, Integrated Circuits Lab
* Mentoring
* Curriculum development – Linear Integrated Circuits, Embedded Systems
* Coordinating the Students in Project development activities
* Procurement of Laboratory Equipments and Components.

Institution: Sethu Institute of Technology

Designation: Lecturer (1st Sep 2008 – 30th June 2010, 1 years and 10 months)

**Projects Assisted:**

* Multiple Application ROVER (MAR)
* Wireless Intelligent Density based Traffic Light Control System
* Electronic Devices and Integrated Circuits Fault Finder
* Automatic Vehicle RC book, Insurance Verification using RFID
* Water Pollution Detection with Autodialing using Microcontroller

**Job Summary:**

* Subject handling – Electron Devices and Circuits, Linear Integrated Circuits, Digital Systems
* Laboratory handling – Integrated Circuits Lab, Circuits and Devices Lab
* Mentoring
* Procurement of Laboratory Equipments and Components.

Company: Neolysi Technologies (P) Ltd

Designation: Embedded Engineer (10th Dec 2007 – 28th Aug 2008, 9 months)

**Projects:**

* GPS-GSM based Automatic Life Saver Systems.
* Modern Railway Accident Prevention and Information System
* Intelligent Departmental Automation System with fair measurement
* RFID based Attendance Marking Module

**Job Summary:**

* Making a discussion with the students regarding projects.
* Supporting the students to design and implement the academic projects
* Developing codes for Real Time Projects

Company: Hades Technologies Pvt Ltd

Designation: Embedded Engineer (5th Apr 2006 – 30th Dec 2006, 9 months)

**Projects:**

* Wireless Weather Station using Micro controller (Temp, Humidity Measurement)
* Sophisticated Lift Controller with Automatic Voice and Display Facility

**Job Summary:**

* Making a discussion with the students regarding projects.
* Supporting the students to design and implement the academic projects.

Company: National Institute of Ocean Technology

Designation: Graduate Apprentice Trainee (5th Jan 2004 – 4th Jan 2005, 1 year)

**Job Summary:**

* Maintenance, troubleshooting of computers, operating system and UPS related problems.
* Rectifying problems in Local Area Network (physical layer level). The size of LAN is 40.

Company: Pace Computers

Designation: Computer Hardware Engineer (1st Mar 2002 – 5th Feb 2003, 11 months)

**Job Summary:**

* Maintenance, troubleshooting computers and network consists of 5Desktop PCs, server & printer for the Computer Training Institution.

**SKILLS**

Languages : Embedded C, Assembly Level Language, C++

Processors : 8051, AVR, PIC, ARDUINO

Software : KEIL C, Proteus Simulator, HTML

Tools : Embedded Development Kits, Compilers, Debuggers

System : MS Office

**ACHIEVEMENTS & AWARDS**

* Organized National Seminar on “EMERGING RESEARCH APPLICATIONS IN SIGNAL AND IMAGE PROCESSING”**,** 01.12.2014 to 05.12.2014, Department of EIE, Sethu Institute of Technology.
* Received CERTIFICATE OF EXCELLENCE for producing good results in the course “**Microprocessor and Microcontroller**” during 2009-2010.
* Received CERTIFICATE OF EXCELLENCE for producing good results in the course “**Fiber Optics and Laser Instrumentation**” during 2012-2013.
* Received CERTIFICATE OF EXCELLENCE for producing good results in the course “**Professional Ethics**” during 2012-2013.
* Received CERTIFICATE OF EXCELLENCE for producing good results in the course “**Industrial Data Networks**” during 2013-2014.

**PUBLICATIONS**

* Paper presented titled **“*VLSI based FFT Processor with Improvement in Computation Speed and Area Reduction*” i**n National Conference on Computing Communication Technology Science**,** from 5.04.2013 to 6.04.2013, Department of ECE, Muthayammal College of Engineering, Rasipuram
* Journal published “***VLSI based FFT Processor with Improvement in Computation Speed and Area Reduction***” in International Journal of Electronics and Computer Science Engineering *(IJECSE)*, 2013, Volume No.

**OTHER RESPONSIBILITIES**

* Academic Class Advisor
* Laboratory Equipments Procurement
* Academic Project Coordinator
* Member in Curriculum and Syllabus framing
* Program Coordinator for Workshop Events
* Laboratory In-charge

**MEMBERSHIPS**

Life Member in ISTE (Indian Society of Technical Education), since 2011.