

**FAJAS KAMAR**

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✉: fajazz@gmail.com

Profession: INSTRUMENTATION ENGINEER

JOB OBJECTIVE

To secure a challenging position that allows me to contribute my skills and abilities for the personal and organizational betterment. I believe I can use my professional skills in the best possible way to achieve the company goals irrespective of the hurdles I may face

SUMMARY

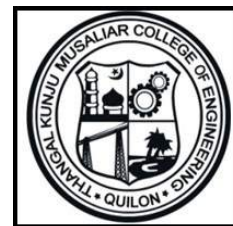
- Completed M.Tech. (Sensor Systems Technology) from Vellore Institute of Technology, Vellore
- Excellent in providing the real time knowledge about technology
- Familiar with the concepts of Chemical Sensors, MEMS, Physical Sensor & Microcontroller
- Endowed with a passion for winning as evinced through excellence in the academic and extracurricular areas
- Proficient in giving practical knowledge

Personal Attributes**EDUCATION**

2014	M.Tech. (Sensor System) from Vellore Institute of Technology, Vellore with 8.7 cgpa.
2011	B.Tech. (Electronics & Communication) from T.K.M College of Engineering, Kollam, Kerala University, Thiruvananthapuram, Kerala with First Class
2006	12 th from S.N Public School, Kollam with 74.5%
2004	10 th from S.N Public School, Kollam with 84.5%



M.Tech.
(Sensor System)



B.Tech.
(Electronics & Communication)

EXPERIENCE

- Accenture Pvt Ltd.** (16-05-2014 - 10.01.2016)
Client: **Royal Dutch Shell**
- Working as SAP HR Payroll Consultant for the client, handling the task of payroll and time management for customers and providing quality solutions. Working round the clock to deliver the HR processes and technology deliverables.
- Issue management and resolution of SAP HR, Payroll and Time Management for clients within the Asia Pacific region
- Working closely with client, and coordinating with other teams to upgrading the system to equip more features as per Clients request.
- Responsible for the investigation and resolution of problems on a day-to-day basis

CERTIFICATION

- Post Graduate Diploma in Industrial Automation**

Hands on experience in various industrial products like SIEMENS, ALLEN BRADLEY PLC systems, SCADA, Field instruments, Drives and Panels. Certification approved by International Accreditation Organisation, USA.

Completed training in PLC: S7-300, AC Variable Frequency Driver: Sinamics V20, Scada System: Siemens WIN CC

THESIS

Title: Development of an Artificial Neural Network Model for Improving the Performance of Quantum Dot Device

Brief: The thesis involves designing a ANN for predicting, analyzing and improvement of Quantum Dot Devices. The proposed model will help us in predicting features like dark current, responsivity, detectivity etc. MATLAB was used for developing the algorithm and simulation purposes

ACADEMIC PROJECTS

Title:	HALL Effect Based Portable Tacho meter
Brief:	We made a portable speed measuring instrument using hall effect sensor. Project gives an Idea about HALL sensors ,PCB etching , and interfacing with 7 segment display .
Key Learning:	Hall Effect Sensors
Title:	Collision Avoidance System in Heavy traffic Using Ultrasonic Sensor & Blind Spot Detection
Brief:	The goal of the project was to design a collision avoidance system, which was reliable for drivers in heavy traffic & where the speed was generally below 20 km/hr. The system had eight 8 different sensing positions. Ultrasonic sensors, microcontroller and a set of LEDs were used to implement the design.
Key Learning:	Learnt about Arduino.
Title:	Contactless Switch Using Eddy Current Displacement Sensor For Safer Brake System
Brief:	The project included a novel contactless switch for brake systems using an eddy-current displacement sensor that resolved conventional contact switch problems. It involved a conventional brake system using a mechanical structure- with a metal spring which suffered from frequent malfunction problems, caused by unstable contacts stemming from loose tension of the spring.
Key Learning:	Learnt about the programming using the Microcontroller Software Kiel.
Title:	Epilepsy Prediction using EEG waves and automatic Drug Injection System
Brief:	We use MATLAB for feature extraction and Training of the EEG signal .The parameters are extracted. Using Discrete Wavelet Transform(DWT) and Autoregressive method .Neural Network was trained to Categorize the normal and epileptic signal .Project also deals with the of our hardware part (syringe and Motor setup) using parallel port

ACADEMIC ACCOLADES & ACHIEVEMENTS

- 2012 **GATE** Qualified , Score-489,Rank-5126
- **Merit Certificate** in All India Secondary School Examination 2004
- Completed IN PLANT training on BASIC TELECOM TECHNOLOGY for one week at BSNL , Kottayam in June 2010
- Philatelic club AND FC Beijos Football club Team member
- Program committee member of CONJURA '10,National Level Technical Symposium conducted by T.K.M.C.E

PRINCIPAL SUBJECTS/OCCUPATIONAL SKILLS COVERED

> PHYSICAL SENSORS, OPTICAL SENSORS & SENSOR NETWORKS
> DATA ACQUISITION AND HARDWARE INTERFACING
> CONTROL SYSTEMS
> MICRO AND SMART SYSTEMS TECHNOLOGY
> MICROPROCESSORS AND MICROCONTROLLER ARCHITECTURE
> COMPUTER COMMUNICATION NETWORK
> SIGNAL PROCESSING, ELECTRONIC DEVICES AND CIRCUITS

PASSPORT & VISA DETAILS

Passport Number : K2740508	Visa type: Visiting visa
Date of Issue : 02.02.2012	Valid upto:11.05.2016
Valid upto : 01.02.2022	

PERSONAL DETAILS

Date of Birth:	24 th May, 1988
Languages Known:	English, Malayalam, Hindi & Tamil
Driving Licence :	Indian Driving License for light vehicles.

DECLARATION

I hereby declare that all the details furnished above are true to the best of my knowledge.

Date: 20-02-2015

Place: Deira,Dubai,UAE

FAJAS KAMAR