

# RESUME

**Career Objective:** To obtain a position as an engineer in a large corporation. Build my skills and experience and allow me to develop and contribute further in the field of my work.

## DEVARAJ A/L KRISHNAN

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## EDUCATION

<b>Level</b>	: Degree in Electronic Engineering (Telecommunication)	<b>CGPA</b> : 2.78
<b>FIELD</b>	: Electronic Engineering	<b>Year</b> : 2011-2015
<b>IPTA</b>	: Universiti Malaysia Sarawak (UNIMAS)	
<b>Level</b>	: Diploma in Electronic Engineering (Telecommunication)	<b>CGPA</b> : 3.03
<b>IPTA</b>	: Politeknik Sultan Haji Ahmad Shah(POLISAS)	<b>Year</b> : 2006-2009
<b>Level</b>	: SPM	
<b>School</b>	: SMK Seri Garing, Rawang.	<b>Year</b> : 2001-2005

## INTERNSHIP EXPERIENCE

**Company's Name** : PRESTAR RESOURCES BHD.  
**Title** : Industrial Trainee  
**Date Joined (Diploma):** January 2008-June 2008



**Company's Name** : RADIO TELEVISYEN MALAYSIA (RTM).  
**Title** : Industrial Trainee  
**Date Joined** : July 2014-Sept 2014



The interns hired for this position will learn leading state of the art solutions in manufacturing steel based equipment.

### Responsibility

- Study and improve on projects assigned
- Study how to do maintenance and repair production machines.
- Involved in Preventive Maintenance activities for broadcast communications equipment

## ACTIVITY / SOCIETY

1.  **1 MALAYSIA INDIAN STUDENT MOVEMENT**
  - a. 1MISM Borneo Coordinator
2.  **PERTUBUHAN SUPER MIND DYNAMIC (SMD)**
  - a. Youth Program Coordinator
3.  **UNIVERSITI MALAYSIA SARAWAK (UNIMAS)**
  - a. College Representative Council
  - b. Committee of ConFest(Convocation Festival) UNIMAS
  - c. BORNEO Youth: UNIMAS WE CARE
  - d. BORNEO EDUWALK
  - e. BORNEO Young Revolutionary Feathers
4.  **POLYTECHNIC SULTAN HAJI AHMAD SHAH**
  - a. Student Representative Council
  - b. Committee of PRS Club (Kelab Pembimbing Rakan Siswa)
5.  **NATIONAL SERVICE TRAINING PROGRAM (PLKN)  
(JAN 2006 – MAR 2006)**
  - a. Leader of Alpha Company
  - b. Election Commissioner for G.E mock election
6.  **SCHOOL**
  - a. Member of committee of Prefect Board
  - b. Vice President of Red Crescent Society
  - c. Represented District in Kabaddi Competition

## SKILLS

### 1. APPLICATION



### 2. ADDITIONAL SKILLS

- a. Photography
- b. Magazine Editorial
- c. Conducting Training Session

## FINAL YEAR PROJECT

Among all types of conventional antennas, microstrip patch antenna has an advantage in terms of cost, weight and profile. Although it has many advantages yet it still suffers due to some drawbacks such as low efficiency, narrow bandwidth and surface wave loss. A single patch antenna could produce a radiation pattern with wide and large beam angles, yet the performance of its radiation elements are influenced by limited bandwidth, efficiency, and gain. The array configuration of the antenna overcomes these problems. In this project a single patch, 1x2 and 2x2 corporate-feed antenna array were designed and the obtained results were compared by using COMPUTER SIMULATION TECHNOLOGY (CST) MICROWAVE STUDIO 2010. The occurrence of mutual coupling phenomena the preferable patch distance for the patches were determined and designed accordingly. 2x2 corporate-feed antenna array produces unstable or poor results, but it could be used for different application techniques such as beamforming techniques, when modification was made at the transmission line of this antenna.

## LANGUAGE PROFICIENCY

	<b>SPOKEN</b>	<b>WRITTEN</b>
1. Bahasa Malaysia	(Excellent)	(Excellent)
2. English	(Excellent)	(Excellent)
3. Tamil	(Excellent)	(Good)
4. Sarawak Malay Dialect	(Good)	(Good)

## ADDITIONAL INFORMATION

I would like to describe that I am well-motivated, keen worker enthusiastic and interested to learn, to gain knowledge as much as possible. I was in Research & Development department for my internship program. I have a wide knowledge in electronic designs. I have sufficient experience in constructing experiments, examine and identifying errors in PCB and other electronic designs with using proper electronic tools moreover I am very passionate in using current applications that involves designing PCBs and electronic designs such as PSpice , LTspice , Multisim and AutoCad. I also acquired knowledge in merging MySQL database with electronic devices via internet. I have a very charismatic personality who have the ability to grow with a job, handle responsibility and build positive relationships with work colleagues at all levels.

## REFERENCES

- ❖ Assoc Prof. Dr. Thelaha Hj Masri  
Department of Electrical and Electronic Engineering,  
University Malaysia Sarawak,  
94300, Kota Samarahan,  
Sarawak, Malaysia  
Tel: +6082-58 3391
  
- ❖ Mr. Sathiya Seelan A/L Saminadan  
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