

# RESUME

**ARATHY SURESAN**

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**CAREER OBJECTIVE :**

To be a part of a department of an Industry, to contribute my knowledge and skill for the welfare of the firm along with achieving heights in my future.

**ACADEMIC PROFILE :**

COURSE	INSTITUTE	YEAR	BOARD/ UNIVERSITY	PERCENTAGE
M.Tech in Applied Electronics	Ilahia College of Engineering and Technology Mulavoor, Muvattupuzha	2017-2019	KTU	82% (CGPA:8.65)
B.Tech in Electronics & Communication	Ilahia College of Engineering and Technology Mulavoor	2013-2017	MG University	68% (CGPA:7.33)
12 <sup>th</sup> Class	Fr.Joseph Memorial HSS, Puthuppady	2011-2013	HSE	86%
10 <sup>th</sup> Class	St. Augustine's Girls HSS, Kothamangalam	2011	S.S.L.C	88%

**ACADEMIC PROJECT AND SEMINAR:****Academic Project in PG level:**

Title : "Lung Pattern Classification for Interstitial Lung Diseases Using a Deep Convolutional Neural Network"

Description : The term interstitial lung disease (ILD) describes a group of disorders that cause progressive scarring of lung tissue. In this project, we propose a convolutional neural network (CNN), designed for the classification of lungs. The last layer has 2 outputs, they are classification of lungs as normal and abnormal.

**Academic Project in UG level:**

Title : “Voice operated intelligent lift with emergency indicator”

Description : The intelligent lift is operated by the voice produced by the people. When the user says which floor he wants to go ( ie , floor number), the lift move and will stop at the right floor.

**Academic Seminar:**

Title : “Mental States, Eeg Manifestations And Mentally Emulated Digital Circuits For Brain- Robot Interaction”

Description : This paper focuses on EEG manifestations of mental states and actions, emulation of control and communication structures using EEG manifestations. It has application in brain-robot interactions.

**INTERNSHIP:**

- Doordarshan High power Transmitter, Kochi From 05/01/2015 to 09/01/2015
- Keltron Component Complex Ltd. From 19/06/2015 to 23/06/2015

**TECHNICAL SKILLS :**

- Language basics in C
- Tools MODELSIM, MATLAB
- Advanced proficiency in MS Office

**PERSONAL SKILLS:**

- Curious to explore and learn new things.
- Optimistic approach during difficult situations.
- Leadership skill

**EXTRA CURRICULAR ACTIVITIES :**

- Participated in ARDUINO Uno and Robotics organized by BOOTCAMP
- Actively participated in drawing competition.
- Participated in social welfare activities like blood donation in college.
- Taken part in the social service at AGCM Karunalayam Old Age Home.

**PERSONAL DETAILS:**

DOB : 10<sup>th</sup> August 1996

Marital Status : Married

Nationality : Indian

Language known: English, Malayalam

**DECLARATION:**

I consider myself familiar with Engineering aspects. I am also confident of my ability to work in a team. I here by declare that the information furnished above is true to the best of my knowledge & promise my best in task.

Place: Wadakkanchery

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