



VBA Illustrator
Python Java

Model Based Dev



Graphics



Embedded C



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Experience

HMI Developer **2016**
KPIT Technologies Ltd.

Internship **2015**
PACE Program

Summer Research **2014**
ECAM, Lyon

Internship **2013**
Smart Card IT Solutions

Achievements

Bachelor of Technology
Electronics and Communication
Karunya University

Matlab Certified

Karate Black Belt

Yuva Mastermind
Malayala Manorama

A self managed and result oriented engineer with a passion for simplicity and problem solving. Proficient in graphics and model based development with a dream to prosper in the automotive field. Believes in cultural divergence as the best means to mould a better human.



Adaptive Headlights

Self leveling and road aligned front lights using neopixel rings which in turn provide better visibility and also reduces glare for the oncoming traffic.



Rail Gate Automation

Developed a 20:1 scalable model for a Rail gate system which is automatically controlled by the the arrival of the train using distance measurement and other fail safe components.



Wireless Automotive Charging

Using the principles of wireless charging by means of electromagnetic induction, HEV cars are forced to maintain a speed by which they are constantly in link with the flux of the charging cables incorporated lane specifically.