

# BHUVANESH ADITYA

## ELECTRICAL ENGINEER

No 5, 3rd cross Erappa Reddy  
Layout Banaswadi Main road  
Bangalore -560043   
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aditya.bhuvanesh@gmail.com 



### OBJECTIVE

Ambitious, career-focused job seeker, anxious to obtain an entry level engineer position to help launch career while achieving goals.



### EDUCATION

**CBSE 10th | Delhi Public School**

JUNE 2004 – JUNE 2014

CGPA – 8.2

**CBSE 12th | Jain International Residential School**

JUNE 2014 – JUNE 2016

Percentage – 69.8%

**Bachelor of Engineering: Electrical and Electronics |  
Bangalore Institute of Technology**

AUG 2016 – AUG 2021

CGPA – 6.35



### INTERNSHIP

Internship titled “Operation and Maintenance of Power and utility at ITC limited” was undergone from 8<sup>th</sup> March to 7<sup>th</sup> April 2021 at the ITC limited Banaswadi campus.



### SKILLS

- Responsible
- Flexible & Adaptable
- Interpersonal Communication
- Conflict Resolution
- Planning and Coordination
- Self-motivated professional



### PROJECT

Project Titled “Harnessing electricity using automobile vibration” is based on utilizing the mechanical force experienced on the suspension system to generate electricity. Global concerns on energy have motivated a strong research in energy-scavenging technologies. This project deals with harnessing of the vibration energy from vehicle suspension system for application in charging of an onboard battery. It is proposed to harvest mechanical vibration energy from a vehicle suspension system to improve the mileage of hybrid vehicles and improve the efficiency of Electric Vehicles. Piezoelectric disks are placed in the suspension system to produce an alternating voltage. We have built a model to realize and study the waveforms generated from the Piezoelectric disc and simulated the circuits to convert the voltage to DC and the automatic charging circuits with SCR using NI Multisim software.