**ABHISHEK KUMAR**

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An Electronics and Instrumentation graduate seeking the opportunity to work in a new-age software company that will encourage learning necessary skill for personal growth and value addition to the organization in terms of innovation and profitability.

# Links

# Code: <https://github.com/abbisk>

# Linkedin: <https://www.linkedin.com/in/abbisk/>

# Blogs: <https://blogs.dgplug.org/abbisk/>

# Facebook: <https://www.facebook.com/abbiskpro/>

# Work Experience

# Django Full Stack Web Developer Feb 2020 to Current

# Contributed to open source project for a traveling company stated in Mayapur under the mentor ship of Ratndeep Debnath (https://in.linkedin.com/in/rtnpro)

# Fixed back-end and front-end issues in project

# Worked over docker compose

# **Training and Internships**

# DgpLUG summer training June-Sept 2018

# DgpLUG summer training June-Sept 2019

**Projects**

Smart Load Sensing Seat with Automated Light and Fan Control

Dr. SUDIPTA CHAKRABORTY, Assistant Professor, NIT Silchar

Implemented a hardware interfacing Arduino that sense the presence of the person using pressure sensor for automatic switching of the system.

The model controlled the intensity of LED’s/bulbs based on surrounding luminance and controlled the fan speed based on room temperature. In case of person leaving room/workspace system went off after 5 minutes.

Multi Directional Solar Panel

Dr. Lalu Seban, Assistant Professor, NIT Silchar

Implemented a hardware interfacing Arduino that controlled the movement of solar panel following the path of the sun.

The model compared the intensity of the sun captured by LDRs (as per this model) in all the direction thus having a controlled movement in both horizontal and vertical simultaneously.

DTMF Generator and Receiver

Dr. Ranjay Hazra, Assistant Professor, NIT Silchar

This project aims to model a dual tone multi frequency generator and receiver.

The Filter used is chebyshev filter.

# Education

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| --- | --- | --- | --- |
| Course | Institution | Year | Percentage/CGPA |
| B. Tech | National Institute of Technology, Silchar | 2016-2020 | 61.7% |
| Higher Secondary (State Board) | SMS Inter College Babana, Farrukhabad | 2014 | 94.4% |
| Secondary (State Board) | SMS Inter College Babana, Farrukhabad | 2011 | 86.6% |

**Skills**

Programming Languages-Python, Core Java

Frameworks- Django

Tools/Libraries-Docker, Git

Software Packages-VS code, Matlab, LabVIEW, Adobe Photoshop, Wondershare Filmora

OS-Linux/Unix, Windows

**Workshop attended**

# MATLAB Applications in Control System and Signal

# Pycon India 2020

# DgpLUG python and git workshop

**Achievements & Responsibilities**

* **Worked As Activity In-Charge, INSEES, Electronics and Instrumentation Society**.
* **Worked As Technical Head, INSEES**
* Won 3rd Prize in Robo Wars under the Robotron Module of the Technoesis.
* State Rank 15th in academic year 2014 (Higher Secondary School)
* CCC diploma holder