

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 Ratndeeep 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

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

Certifications

Python data structures- Coursera

Python Six weeks Training- CETPA Infotech Private Limited

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