

# Abhishek Dobliyal

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## EDUCATION

### Graphic Era Hill University

*B.Tech in Computer Science (Specialization in M.L)*

CGPA: 8.59 / 10.0

2019 – 2023

### St. Thomas School

*Class XII (PCM)*

Percentage: 87.6

2018 – 2019

## WORK EXPERIENCE/ INTERNSHIP

### Research Intern

*Samsung*

July 2021 – March 2022

*SRIB-Bangalore, India*

- Implemented verification system for camera sensors.
- Experimented with source validating techniques inside the sensor.
- Developed a GUI interface for the validation of camera source files and UX document files.
- Incorporated report generation script and log parsing script in the desktop application.

### Development Intern

*RYD Development*

October 2020 – November 2020

*Varanasi, India*

- Worked on projects related to data scraping, data analysis and automation.
- Developed automation scripts to send text and files to multiple users simultaneously by using Telnet module and Telegram API.
- Creating and maintaining documentation of the work undertaken using Sphinx framework.

## PROJECTS

### Calculation-Pad | *Python, Streamlit, Tkinter, Keras, OpenCV, Heroku*

**Project Link**

- Jot down mathematical expressions as you would on a paper, let machine learning take care of the rest.
- Trained **C.N.Ns** to predict the handwritten digit/symbol and combine them to evaluate the result of the overall expression. The trained model has an accuracy of over **97%**
- Developed desktop application and web app for user interaction. Web app is deployed to **Heroku** and can be accessed from [Here](#).

### Falcon | *Python, Flask, HTML, CSS, Javascript, Bootstrap, Heroku*

**Project Link**

- Remotely monitor any system through simple **HTTP requests**.
- Provides an interactive **web portal** to the admin. Supports taking web cam snaps, screenshots and more on the client's system.
- The web portal is deployed to **Heroku** and can be accessed from [Here](#).

## TECHNICAL SKILLS

**Languages:** Python(Strong), SQL(Intermediate), JavaScript(Intermediate), Dart(Intermediate), Java(Mild), C/C++(Mild).

**Frameworks/Modules:** Flask, VueJS, Flutter, FastAPI, Scikit-Learn, Streamlit, Keras, BS4, Bootstrap.

**Databases:** MySQL, MongoDB, PysonDB.

## ACHIEVEMENTS

- Secured rank 1 in [WeCode](#) coding contest organised by Graphic Era Hill University, Bhimtal.
- 6 stars in Problem Solving on [HackerRank](#).
- Cleared [Microsoft AI](#) Fundamentals Exam with a score of 800+ (out of 1000).