

# Abishek R V



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## Work Experience



### Data Scientist L1 | Gyan Data

August 2022 to October 2022 (2+ months\*)

- Learned about advanced Python concepts like decorators, metaclasses, iterators, generators, context managers, mixins, design patterns etc.
- Database - MySQL along with ORM concepts using SQLAlchemy.
- Experience with - argparse, pathlib, typing, marshmallow, SQLAlchemy, logging.
- Mentored 2 interns during their training.

## Education History



### B.Tech Mechanical Engineering | IIITDMK | 2018-2022

- CGPA of 9.48.
- Department's highest CGPA during 2nd, 3rd year.



### Class 12 | Velammal Vidhyasharam CBSE | 2018

- Percentage of 95.2
- School Topper
- Perfect score in computer science

## Projects



### Quality Control of Cookies

- Image processing to quantify cookies based on shape, size and colour.
- Tech: Python(numpy, pandas, opencv)



### GUI for Laminate Analysis

- App to calculate laminate strength and perform failure analysis.
- Tech(numpy, opencv, xlswriter, PyQt5)

## Programming Languages

- Python
- Java
- C++

## Technical Skills

- OOPs
- RDBMS - MySQL
- CLI - argparse

## Python libraries

- numpy
- pandas
- opencv
- argparse
- xlswriter
- matplotlib
- sqlalchemy
- marshmallow
- logging
- datetime
- typing
- PyQt5
- pillow
- pathlib
- random