***B.Dheeraj Chandan - 7995987744***

**Email**: *[chandandheerajbalivada@gmail.com](mailto:chandandheerajbalivada@gmail.com)* **Youtube****:** *<https://www.youtube.com/@chandandheeraj1381>*

**GitHub****:** *<https://github.com/BDheerajChandan>* **LinkedIn****:** *<https://www.linkedin.com/in/balivada-dheeraj-chandan-022b91223/>*

**Experience(In months) :** 29 **Notice Period(In days) :** 30



**Summary****:** Plug and play professional actively seeking job opportunities. Possessess strong time management and technical skills in Python, Machine Learning, Java and SQL. Passionate about learning new technologies working on in house projects. In my free time,I enjoy programming, creating coding challenges and developing projects across various languages. Highly engaged and dedicated to enhancing my coding expertise. I look out to learn something new that the world needs tomorrow.

**PROJECTS****:**

AI Driven AutoML Pipeline for Automated ML model training and optimal selection : [AI\_AutoML\_Selection](https://github.com/BDheerajChandan/CollegeProjects/tree/main/InHouse%20Projects/ML-DL_SelfProjects/ML%20Model%20Build%20Automation) 2025

Malicious DNS traffic detection using DL(Deep Learning) : [PGDiploma\_Project](https://github.com/BDheerajChandan/CollegeProjects/tree/main/Diploma_project) 2024

Python automation for data ingestion and SQL database creation from external sources : [PySQL\_Automation](https://github.com/BDheerajChandan/CollegeProjects/tree/main/InHouse%20Projects/Python_SelfProjects/Database%20AutoCreation) 2023

Obstacle detector using ultrasonic sensor : [Minor\_Project](https://github.com/BDheerajChandan/CollegeProjects/tree/main/MinorProject) 2022

Gas and smoke detection system and prevention system with GSM SMS alert : [Major\_Project](https://github.com/BDheerajChandan/CollegeProjects/tree/main/MajorProject) 2021

**WORK****EXPERIENCE****:**

**Brainwave Matrix Solutions**

*<https://github.com/BDheerajChandan/Brainwave_Matrix_Intern>*

[Python Intern, 01/2025-Present, Remote, Khurda Road, Odisha]

**-** Building and developing a functionality for users friendly applications and GUI interface using Tkinter. - **-** Software Development with Python.

**Cognifyz Technologies**

*<https://github.com/BDheerajChandan/Cognifyz>*

[Machine Learning Intern, 12/2024-01/2025, Remote, *Bangalore, Karnataka*]

**-** Enhanced Machine Learning models for predicting values and Data analysis, Data Reporting

[Software Development Intern, 12/2024 - 01/2025, Remote, *Bangalore, Karnataka*]

**-** Developing the software for users friendly applications and working on application development. Software **-** Development with Python.

**Coding Samurai**

*<https://github.com/BDheerajChandan/CODING-SAMURAI-INTERNSHIP-TASK>*

[Machine Learning Intern, *12/2024 - 01/2025,* Remote, *Bangalore, Karnataka*]

**-** Developed a Machine Learning models for predicting values and Data analysis, Data Reporting

**Encryptix**

*<https://github.com/BDheerajChandan/Encryptix>*

[Python Developer Intern - 12/2024 - 01/2025, Remote, *Bangalore,Karnataka]*

**-** Building and developing a functionality for users friendly applications.

**-** Software Development with Python.

[Machine Learning Intern, *11/2024 - 12/2024*, Remote, *Bangalore,Karnataka]* ]

**-** Improved a Machine Learning and AI models using TF-IDF with Logistics Regession, Support Vector Machine, Navie Bayes, Gradient boosting for SMS spam detection, Customer Churn Prediction, Movie Genre prediction.

**Zentron Labs Pvt Ltd**

[Graduate Engineer Trainee,  *07/2022 - 02/2024*, Hybrid, *Bangalore,Karnataka]* ]

**-** Developed a Machine Learning and AI model to assess mango fruit ripeness (Ripe/Unripe) based on physical and property data.

**-** Designed and integrated software with the main application for seamless functionality.

**-** Collected and analyzed fruit data using Python, performing ETL operations with Excel/CSV files.

**-** Conducted data analysis and visualizations on spectral data, providing insights and saving results to Excel/CSV for reporting purposes.

**-** Software Development with Python.

[Internship, 12/2021 - 06/2022, Hybrid, *Bangalore,Karnataka]*

**-** Integrated developed features into the main application on machine systems.

**-** Conducted ETL operations, data collection, and analysis of machine performance data.

**-** Performed data logging to enhance Performance.

**-** Conducted intensity analysis and visualized fruit cup data.

**-** Contributed to workflow documentation.

**-** Software Development with Python.

**TECHNICAL SKILLS :**

|  |  |
| --- | --- |
| Python | : Anaconda , Sublime Text Editor , Visual Studio code , *<https://www.mycompiler.io/>* |
| Java/Core Java | : Bluej , Eclipse , *<https://www.mycompiler.io/>* |
| Machine Learning(ML) | : Anaconda, Visual Studio code |
| Deep Learning(DL) | : Anaconda, Visual Studio code |
| SQL | : DB Browser (SQLite), MySQL client, *<https://www.mycompiler.io/>* |
| LINUX & Shell Script | : Oracle Virtual Box + Ubuntu 22.04 ISO |
| Excel/Tableau | : MS Office, Tableau desktop |
| Data analytics/analysis | : Anaconda, Visual Studio code |
| Version control | : Git, GitHUB, SVN tortoise |
| Arduino and Embedded C | : Proteus, Arduino IDE |
| C and C++ Programming | : Code Blocks |

**CERTIFICATIONS:**

Deep Learning and ChatGPT - Udemy 10/2024

Java Programming - Coursera 10/2021

Python Programming - KIIT DU college 08/2021

Robotics and Embedded - KIIT DU college 08/2020

**EDUCATION:**

PG-Diploma in DBDA(Big Data Analytics), CDAC, Bangalore, Karnataka 03/2024 - 08/2024

B.Tech in EEE(Electrical and Electronics Engineering), KIIT- DU, Bhubaneswar, Odisha 07/2018 - 06/2022

12th CBSE board, Sri Chaitanya TechnoSchool, Visakhapatnam, Andhra Pradesh 04/2016 - 03/2018

10th ICSE board, Mission School,Jatni , Khurda Road, Odisha 02/2015 - 03/2016

**ACHIEVEMENTS****:**

HackerRank, achieved 4 stars in Java 11/2024

HackerRank, achieved 3 stars in Python 11/2024

Secured 4th rankin CDAC Campus, PG diploma in DBDA(Big Data Analytics) 03/2024 - 08/2024

Secured 5th rank Embedded Systems coure offered by KRS(KIIT Robotics Society) society 08/2020

Secured 1st ranking ICSE board at school level in Computer applications 02/2015 - 03/2016