B.Dheeraj Chandan - 7995987744

Email : *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	2025
Malicious DNS traffic detection using DL(Deep Learning)	: PGDiploma_Project	2024
Python automation for data ingestion and SQL database creation from external sources	: PySQL_Automation	2023
Obstacle detector using ultrasonic sensor	: Minor_Project	2022
Gas and smoke detection system and prevention system with GSM SMS alert	: Major_Project	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