



ASHUTOSH MISHRA

SOFTWARE DEVELOPER & DATA ANALYST

BENGALURU,KARNATAKA

CONTACT

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SKILLS

- Programming Language - Python,C,C++
- Machine Learning - Data-preprocessing , Model Training and Testing , Algorithms
- MLops - CI/CD ,TF-extended,ML-flow
- Database - MySQL,MongoDB
- Frameworks - Tensorflow,pytorch.
- Data visualization - PowerBI,Tableau, MS Excel
- API Testing - Postman , REST
- Tools - Jira , Flgma

KEY ACHIEVMENTS

- Optimized data pipelines, reducing processing time by 70% through parallel computing and efficient algorithm design.
- Improved model accuracy by 40% by implementing advanced feature engineering and hyperparameter tuning

EDUCATION

- B.Tech. - CSE (AI & ML) 2024**
CHATTISHGARH SWAMI VIVEKANANDA TECHNICAL UNIVERSITY
Percentage : 82 %
- 12TH - B.S.P. S.S.S.X 2020**
Percentage: 72.4 %
- 10TH - B.S.P. S.S.S.X 2019**
Percentage: 85.2 %

PROFESSIONAL SUMMARY

Software Developer Machine Learning Engineer with **2+ years** of experience of **Software Development , Model Training , APIs , manual , automation.** Led strategies **reducing defects by 40%** in model testing and integrated **CI/CD automation** with 100% pre deployment coverage.

WORK EXPERIENCE

- Company - GoldenAgeMeditations** SEP 2024 - PRESENT
Role - Software Development Engineer - I
 - Developed a comprehensive Python application that scrapes data from Telegram groups, performs transcription on video and audio data types.
 - Applied an AI model to identify and extract important topics from the scraped data. These key topics are presented in a news format for easy consumption.
 - Created an intuitive GUI, providing buttons for each core functionality. It also features a display screen to show real-time updates and results, allowing users to effortlessly interact with data.

PROJECTS

- Listeria level detection using Machine Learning** 2023 - 2024
Role - Research Assistant
 - Worked under a certified PhD student working with raw dataset to find useful insights and analyze listeria levels in milk.
 - Used over 10 classification models to find most suitable one for this particular dataset by recognition and Personal Learning.
- Personal Learning Assistant (Veer/Anu)** 2022 - 2022
Role - ML Engineer
 - Worked on integration in the personal assistant project including speech recognition, multiple language processing, image recognition and Personal Learning AI model learning from both worldwide and user's own data.
- Equipment Sales Analysis Dashboard** 2024 - PRESENT
Role - Dashboard Designer
 - Created a dashboard using Power BI to display sales analysis for a sports company's financial year.
 - The dashboard visualizes key metrics such as revenue, sales trends and product category breakdowns, enabling stakeholders to make data-driven decisions and optimize business strategies.

CERTIFICATIONS

- Machine Learning (NPTEL)**
- Data Science (Internshala)**
- Machine Learning (Coursera)**