VISHAL KUMAR MAHATHA

B. Tech - Computer Science Engineering

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PROFILE SUMMARY

Aspiring Software Developer | Programming | Passion for Technology | Software Development | Fast Learner. A motivated and passionate tech explorer and innovator who is Always Open to Learning. Looking for a challenging developer position where I can grow professionally along with the team in the company.

EDUCATION

Vellore Institute of Technology   Chennai, India
B.Tech-ComputerScieneEngineering;GPA: 8.01   **Sept 2020 - Aug 2024**
Lal Bahadur Shastri Senior Secondary School   Kota, India
Intermediate(HSC/12th) - PCM; Marks: 92.2%   **May 2018 - June 2020**
Chinmaya Vidyalaya   Bokaro, India
Matriculation(SSC/10th) Marks: 91.2%   **April 2017 - May 2018**

SKILLS SUMMARY

- **Languages**:   C++, Python, SQL, JAVA
- **Frameworks**:   Pandas, Numpy, Scikit-Learn, Matplotlib, Tensorflow, Selenium, HTML, CSS, Javascript
- **Tools**:   VBCS, Tableau, Matlab, MySQL, SQLite, Github, Figma, R
- **Platforms**:   PyCharm, Jupyter Notebook, Visual Studio Code, Intellij IDEA, Google Cloud
- **Soft Skills**:   Problem Solving, Critical Thinking, Adaptability, Excellent communication, Decision Making

EXPERIENCE

4i APPS CLOUD SOLUTIONS PROVIDER   **May 23 - July 23**
- Associate Technical Consultant - VBCS Developer
- Built cloud applocations with Oracle Visual Builder

APPLIED DATA SCIENCE INTERN | SMARTINTERNZ | LINK
- Streamlined data collection and reporting procedures, reducing processing time by enhancing efficiency.
- Implemented process improvements and automation solutions, resulting in 15% increase in productivity.

PROJECTS

AI Human Pose Precision Model   **December 23 - February 2024**
- Achieved 92% accuracy rate in forecasting poses and performance by developing a machine learning model.
- Managed data integrity by handling missing values and encoding categorical variables,enhancing quality by 33%.
- Conducted experiments with both classification and regression algorithms to identify the most suitable approach.

Customer Sentiment Analysis   **September 23 - October 2023**
- Developed and fine-tuned a NLP based machine learning model achieving an 87% accuracy rate in predicting.
- Implemented under-sampling and ensemble techniques to address class imbalance, leading to improved performance.
- Successfully integrated the model with an web app to complete the use case.

Surveillance Robot With Cloud Computing   **July 23 - August 2023**
- Successfully combined microsoft azure with internet of things to develop a surveillance system.
- Real time monitoring and obstacle detection with improved remote connectivity.
- Demonstrated the skills of Web Development, Cloud, IOT, AI, Troubleshooting and flexibility with multiple tech stacks.

CERTIFICATES

Google Cloud Computing (Google) | CERTIFICATE   **July 2023**
Machine Learning Specialist-Advanced (IBM) | CERTIFICATE   **March 2024**
Improving Software Development Productivity (Udemy) | CERTIFICATE   **March 2022**
Applied Data Science (SmartInternz) | CERTIFICATE   **July 2023**
Deep Learning Essentials (IBM) | CERTIFICATE   **October 2022**

POSITIONS OF RESPONSIBILITY

HumanoidX Robotics, VIT Chennai   **August 2021 - July 2022**
- Technical Programmer: Conducted robotics and artificial intelligence sessions.

EXTRA CURRICULAR

- **Goldman Sachs Software Engineering** (Forage Job Simulation)
- **State, District Winner** (NCSC - National Children's Science Congress)