VISHAL KUMAR MAHATHA

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📍 Vill-Manpur, Bokaro, Jharkhand | 🌐 https://vishalkrmahatha.netlify.app/ | 📱 9199581899

TECHNICAL SKILLS

Languages: C++, C, Java, Python, SQL, R, Javascript, HTML/CSS
Tools & Frameworks: React.js, Node.js, Figma, AdobeXD, Git, XAMPP, VS-Code, Visual Studio
Libraries: Pandas, NumPy, matplotlib, Scikit-learn, Selenium
Data Analytics: Python, Machine Learning, Data visualization

EDUCATION

Vellore Institute of Technology
Bachelor's Degree, Computer Science

2020-2024
CGPA : 7.92

LBS Senior Secondary School
Senior Secondary(12th)
2018-2020
Kota, Rajasthan
92%

Chinmaya Vidyalaya
Matriculation(10th)
2016-2018
Bokaro, Jharkhand
91%

COURSES/CERTIFICATES

- Google Cloud Computing 🔗
- Advanced Cpp Training - IIT Bombay 🔗
- Java Training - IIT Bombay 🔗
- PHP and MYSQL Training - IIT Bombay 🔗
- Java (Basic) Certificate - HackerRank 🔗
- Improving software development productivity - Udemy 🔗
- Deep Learning Essentials - IBM
- Operating Systems and you:Becoming a Power User - Google
- Cisco Packet Tracer - Cisco Networking Academy

ACHIEVEMENTS

1. State, District Level NCSC(Selected)
2. National Level, NCSC
3. JEE MAINS Qualified

INTERESTS

Chess   Stock Analysis

LANGUAGES

English   Hindi

PROFILE

An undergraduate student currently pursuing 'Bachelor of Technology' (B.Tech) Degree in Computer Science Engineering with Artificial Intelligence and Robotics at Vellore Institute of Technology. With a strong focus on problem solving, I possess a strong hold of programming languages along with web development technologies. Being a fast learner I enjoy picking up new and in-demand technologies by always give my best. I also have a passion for AI and ML. Looking forward to putting forth my best abilities and achieving the best possible outcomes in the company.

WORK EXPERIENCE

Applied Data Science Intern

SmartInternz   2023

During my internship at SmartInternz, I worked on a project titled "Predictive Medical Cost Analysis." I collected and prepared medical cost data, performed exploratory data analysis, developed predictive models using machine learning algorithms, and interpreted the results. This experience enhanced my data science skills and provided me with valuable hands-on experience in applied data science.

Technical Member

Club: HumanoidXVITCC   2021-2022

- Contributed to programming, designing, and path-planning of a humanoid robot
- Tasks included coding, designing, and developing path-planning algorithms
- Gained valuable experience in robotics
- Enhanced skills in teamwork and problem-solving

District, State and National Level Participant

Event: National Children's Science Congress (NCSC) Project   2015-2016

- Collaborated in a team for scientific research and experimentation.
- Developed a project based on a specific scientific topic.
- Presented project at State and National levels.
- Demonstrated research, critical thinking, teamwork, and communication skills.

Participation in NCSC project at District, State and National levels, showcasing passion for science and commitment to innovative projects.

PROJECTS

- **IOT Surveillance Robot(in cloud)**
  - IOT-Cloud based and can be controlled tracked globally
  - Real-Time camera feedback , Microsoft Azure cloud, VM
  - Collision avoidance, Live location coordinates in map
- **Zerodha Automation : Copy Trading**
  - Selenium WebDriver based Zerodha automation, is dynamically efficient for Hedge Funds Company
  - Multiple accounts accessed all at once
  - Accesses OTP from mail, sends P&L screenshots to mail
- **NLP for Sentiment Analysis**
  - NLP model for any start-up to monitor client's feedback in a website(Good or Bad review)
  - Flask is used in the backend and TD-IDF, SVM for training the model and forms new dataset from real-time feedbacks and stores it
- **Medical Cost Prediction :** Applied Data Science, Predictive Modelling