Hitesh Khandelwal

Email: hiteshkhandelwal2002@gmail.com   Mobile: +91-8908939324
Portfolio: hiteshchinu.github.io   Github: hiteshchinu
LinkedIn: hitesh2002

SUMMARY

Passionate Software Engineer with hands-on experience in building automation tools and data pipelines. Skilled in solving complex problems and dedicated to delivering high-quality, impactful results. Eager to leverage technical expertise and a problem-solving mindset to contribute to innovative projects within a dynamic organization. Highly proficient in data-driven development, performance optimization, and cross-functional collaboration.

EXPERIENCE

- **Bombay Shaving Company**   Gurugram
  Software Developer (Internship)   *Sep 2024 - Present*
    - Worked in technical team building a data-driven software solution for real-time business insights.
    - Developed a C# system to gather real-time data from e-commerce and quick-commerce platforms, delivering insights into competitor brand performance.
    - Optimized the system for parallel processing, reducing data retrieval time and improving overall efficiency.
    - Created PostgreSQL stored procedures to structure data, enabling efficient view generation for business insights.
    - Partnered with teams to develop a Python-based Apache Airflow solution to automate scheduled email reports.

EDUCATION

- **Vellore Institute of Technology**   Chennai, India
  Bachelor of Technology (Electrical and Electronics Engineering)   *June 2024*
  CGPA: *7.85*

- **DAV Public School, Chandrashekharpur**   Bhubaneshwar, India
  Class XII Boards (CBSE)   *March 2020*
  Percentage: *92.6%*

SKILLS

- **Programming Languages**: Python, C#, SQL, Java, C, C++, HTML, CSS, JavaScript
- **Tools and Software**: Apache Airflow, PostgreSQL, Microsoft Power BI, Tableau, MATLAB, Arduino IDE
- **Soft Skills**: Decision making, Teamwork, Active listening, Adaptability

PROJECTS

- **Music and Mental Health Analysis**   Personal Project
  Exploratory Data Analysis, Python, Data Visualization   *March 2024*
    - Conducted EDA on the dataset, revealing insights into the correlation between music preferences and mental health.
    - Utilized Python data visualization libraries to analyze respondents' favorite music genres, frequency of listening habits, and self-reported levels of anxiety, depression, insomnia, and OCD.
    - Find the GitHub Repository here.

- **Gesture-Controlled Robotic Arm**   Capstone Project (VIT Chennai)
  Arduino, OpenCV, Inverse Kinematics   *Winter 2024*
    - Designed a gesture-controlled robotic arm using Arduino and OpenCV to interpret hand gestures in real-time.
    - Implemented OpenCV to process camera data and extract object coordinates, enabling the arm to locate objects.
    - Utilized inverse kinematics to control the arm's movement for precise object grasping and manipulation, potentially applicable in surgical assistance scenarios.

- **Multiplayer Tic-Tac-Toe Game**   Personal Project
  Web Development, JavaScript   *July 2024*
    - Developed a multiplayer Tic-Tac-Toe game using HTML, CSS, and JavaScript.
    - Implemented game logic for turn-taking, win conditions (rows, columns, diagonals), and clear visual feedback for players.
    - Live Demo Here, and GitHub Repository Here.

CERTIFICATIONS

- **Data Analyst Associate (DataCamp)**: Issued Aug 2024 · Skills: SQL, MySQL, Data Analytics
- **Career Essentials in Data Analysis (Microsoft and LinkedIn)**: Issued Jul 2024. Skills: Data Visualization, Data Analysis, Microsoft Excel, Power BI, ETL