Shashwat Dixit

Portfolio: https://sumitdixit117.github.io/my-portfolio/

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Education

- **Vellore Institute of Technology** Vellore, India
  Bachelor of Technology - Computer Science; CGPA: ***8.53*** *2020 - 2024*
- **Tulip Public School** Etah, India
  CBSE - Intermediate; Percentage: ***94.6%*** *2017 - 2018*
- **Tulip Public School** Etah, India
  CBSE - High School; CGPA: ***10.0*** *2015 - 2016*

Experience

- **Gramener** Bengaluru, Karnataka
  Associate Data Science Engineer *Nov 2024 - Current*
  - Demonstrated ability to analyze large datasets using tools like **Python and SQL**. Created insightful visualizations with **matplotlib and Seaborn** to communicate findings to stakeholders.
  - Demonstrated ability to troubleshoot **data-related issues** and provide timely solutions. Proactive in identifying areas for improvement and implementing effective changes.
  - Committed to continuous learning and staying updated with the latest trends in **data science and machine learning**.

Projects

- **Heychat App**
  Technology used*: React, JavaScript, NodeJS, ExpressJS, MongoDB, HTML, CSS*
  - Developed a real-time chat application **Heychat App** with React for frontend, Node.js for backend, and MongoDB for database. It leverages the strengths of these technologies to provide a seamless chatting experience.
  - People sign up using Register page and then all the users are listed in contact list for all other users. You can chat with any user from that list and all the chats will be saved in mongodb database.
  - The application can be used for both personal and professional communication, providing features like private chat rooms. It can also be integrated with other services for added functionality.
- **AgriKart**
  Technology used*: PHP, JavaScript, HTML, CSS, MySQL*
  - Developed a commercial website **AgriKart** which can be useful in real world for farmers as well as other consumers to buy seeds, plants, flowers and farming tools.
  - Managed Users, Products, Order history, Cart, Queries, Current user and Card Details tables using MySQL database to record data and manage sessions.
  - After Checkout, payment details are saved in Database and products are transferred from Cart to Order history.
- **Whatsapp Chat Analyser**
  Technology used: *Python*
  - Developed a NLP application **Chat Analyser** which analyses a whatsapp chat and outlines its certain aspects with the help of visual enhancements like Word cloud, Graphs etc.
  - Preprocess the uploaded data and analyse it using various python libraries including streamlit, matplotlib, seaborn etc.
  - Useful in real world activities like Market Research, Risk Assessment, Fraud Detection and Mental Health Support.

Achievements

- **AWS Certified Cloud Practitioner - Amazon Web Services, June 2023**
- **Solved 800+ problems on LeetCode, GeeksForGeeks and across various coding platforms.**
- **Certified for High Performance Coding Course using Data Structures and Algorithm by IamNeo.**
- **5 Stars in Problem Solving, C++, C and Python and certified Problem Solver at HackerRank.**

Skills Summary

- **Languages**: C++, Python, Java, MySQL
- **Web Technologies**: HTML, CSS, Javascript, ReactJs, NodeJs, MongoDB, PHP
- **Technical Skills**: Machine Learning, OOP, Operating System, Database Management System, Analysis of Algorithm.
- **Soft Skills**: Leadership, Event Management, Technical Writing, Public Speaking, Teamwork & Cooperation.

Publications

- **Automated Personality-Based Candidate Shortlisting using ML and NLP** Sept 2023
  Publisher: IEEE
  - K. O. V. Anusha, A. Dhar, S. Dixit, A. Saraf, I. Lonial and Anusha N, "Automated Personality-Based Candidate Shortlisting using Machine Learning and Natural Language Processing," 2023 Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS), Trichy, India, 2023, pp. 1179-1184.