

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

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.