

Yash Singh Verma

+918851254350 | yashsvlight@gmail.com | [LinkedIn](#) | [Github](#) | [Leetcode](#)

EXPERIENCE

- **AI Full Stack Intern | Odisoft Technologies Pvt. Ltd.** February 2023 - May 2023
 - Led a cross-functional team in revising the testing process, resulting in a 30% increase in defect detection rates and a faster turnaround time for bug fixes.
 - Crafted a user-friendly interface that utilized advanced AI technologies, receiving positive feedback from over 300 users during beta testing, which led to a rapid rollout for full production.
- **Backend Intern | Social Advertise** November 2022 - January 2023
 - Architected and launched scalable REST API endpoints, migrating backend infrastructure to AWS; reduced server downtime by 25%
 - Improved data retrieval speeds, positively impacting user experience for users.

EDUCATION

- **Maharaja Surajmal Institute of Technology, Delhi** Courses: OOP, DBMS, OS, CN
BCA in Computer Application 2021 - 2024
- **Ramjas School Pusa Road** Delhi, India
CBSE Class XII : 87.80% April 2019 - March 2021

PROJECTS

- **Food Ordering App** | ReactJS, Tailwind, Firebase, Redux
 - Developed a responsive food ordering app with a modern UI using ReactJS and Tailwind CSS, enhancing user experience and reducing page load time by 30%.
 - Integrated Firebase for user authentication, enabling seamless sign-up and login with multiple providers, achieving 100% secure access and a 95% user retention rate.
 - Optimized performance by implementing Hot Module Replacement (HMR), an efficient file-watching algorithm, advanced caching mechanisms, and consistent hashing, reducing build times by 40% and improving data retrieval speed by 25%.
- **Movie Recommendation System** | NLP, NLTK, Streamlit, Sklearn
 - Created a Hybrid Movie Recommendation System i.e. Content based and Collaborative filtering.
 - Implemented advanced vectorization techniques in natural language processing, including Bag of Words, TF-IDF, and cosine similarity, to enhance user engagement and preference for recommendations by 25%
- **Gesture Detection Recognition** | Tensorflow, OpenCV, Neural Networks
 - Created a live hand sign detection application leveraging TensorFlow and OpenCV, which improved accessibility features; the tool is now utilized by 15 organizations, directly impacting communication for deaf individuals.
 - Trained CNN model on a dataset of 50+ gestures - Numbers 0-9, Alphabets A-Z, and words like "Hi", "Help".

ACHIEVEMENTS

- **DSA & CP** Solved 500+ problems on Leetcode and GFG platform
- Ranked in the top 25 percentage in LeetCode competitions.
- **Google Cloud Programme** Earned certification in the Google Cloud Career Practitioners Pathway (GCCP) 2022, enhancing cloud deployment strategies; completed 200+ hours of coursework focused on optimizing cloud infrastructure and reducing operational costs.

TECHNICAL SKILLS

- **Artificial Intelligence:** NLP, Transformers, BERT, GAN, Stable Diffusion, GPT, LLM, Langchains, LSTM.
- **ML Frameworks:** TensorFlow, PyTorch, Keras, Scikit-Learn, Flask, Excel, Tableau.
- **Web Frameworks/ Tools:** ReactJS, NextJS, Tailwind CSS, Redux, Nodejs, PostgreSQL, Rest API, Firebase.
- **Machine Learning Libraries:** Numpy, Pandas, Matplotlib, Seaborn, Altair, OpenCV.
- **Languages:** Python, SQL, JAVA, Javascript, Typescript, C++/C
- **Academic Courses:** OOPS, Operating Systems, DBMS, Statistics, Probability, Computer Networks
- **Developer Tools:** VS-Code, Git, Github, Google Collab, Firebase, MongoDB, PyCharm, Linux.