

YASH SANGWAN

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LinkedIn | GitHub | LeetCode

EDUCATION

Integrated B.Tech and MBA (Information Technology)

2020-2025

Indian Institute of Information Technology, Gwalior

All India Senior School Certificate Examination

2020

Diamond valley Sr. Sec. School, Charkhi Dadri

PROJECTS

StudyBuddy (React.js , Node.js and Socket.io)

- Developed a dynamic video call application using WebRTC, Socket.io, and Node.js, capable of handling multi-participant conference calls, specifically optimized for up to four devices.
- Implemented features including toggling of video and audio streams, screen sharing, text chat, individual participant muting, and expanding participants' streams.

Enhanced VQA model (CNN , LSTM , Attention mechanism)

- Achieved an 80 % reduction in reference model training time
- Successfully implemented an attention mechanism, resulting in a 16 % accuracy improvement
- Conducted comprehensive experiments to analyze the impact of different hyperparameters on model performance

EXPERIENCE

Software Development Engineer - Intern

May 2023 – July 2023

VVG Innovators

(Remote Startup)

- Developed backend using Node.js and Express.js, integrating MongoDB for efficient data management and implemented JWT and OAuth for secure authentication
- Expertise in Git for version control and utilized Socket.io for real-time communication between clients and servers

SKILLS

Programming

C/C++, Python

Machine Learning

Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn, Tensorflow

Web Development

HTML/CSS, Node.js, Express.js , React.js, AWS

Tools

Git, VS Code, Jupyter Notebook

Coursework

Data Structures and Algorithms, Database Management Systems, Operating System,
Goldman Sachs virtual experience program, Object Oriented Programming Structure,
Computer Networks

ACHIEVEMENTS

- **AIR 246 in CodeKaze 2023:** Hiring Challenge
- Ranked among the top **2,000** participants from a pool of **400,000** registered participants in Flipkart Grid 5.0.
- **Webkriti Runner-up (among 20+ teams):** A Hackathon organized by AASF, a student's forum of ABV-IIITM
- 1105 Rating on Codeforces

POSITION OF RESPONSIBILITIES

- **Member** of IEEE student branch, ABV-IIITM Gwalior
- **Organiser** of URJA, an annual sports fest of ABV-IIITM Gwalior