Aryan

9034579672 — aryanmalik20197@gmail.com — Linkedin — Github — My-portfolio

Skills

Programming C++, C, Python, JavaScript
Web Dev. HTML, CSS, Bootstrap, NodeJS, ReactJS, MySQL, REST API
Data Structures & Algorithms Expertise in C++, C, Python
Operating Systems Ubuntu, Linux
Languages English, Hindi

Experience

Team Leader, Management Committee **Dec 2022 – Present**
Think India Club, NIT Jalandhar

- Spearheaded new event formats, increasing attendance by 15%.
- Managed a team of 10+ volunteers, ensuring seamless coordination for 3+ major events.
- Developed and implemented feedback systems, resulting in a 20% improvement in participant satisfaction.
- Organized collaborations with industry professionals, enhancing student engagement.
- Led strategic initiatives that increased the club's visibility by 30%, through consistent engagement and outreach programs.

Education

Dr. B.R. Ambedkar National Institute of Technology, Jalandhar **Nov 2022 - Present**
BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING — CGPA : 8.26/10

Vaish Public School, Rohtak, Haryana, India **June 2022**
CBSE (CLASS XII) , AGGREGATE : 94%

Projects

Scriptify **GitHub Repo.**
Technologies: Flask, Machine Learning, Python

- Developed a web application that successfully generates over 50+ PDFs from handwritten text inputs.
- Integrated machine learning models with custom calligraphy styles to create 95% user-satisfaction-rated font generation.
- Enhanced PDF generation efficiency, reducing processing time by 40% through streamlined code and refined ML model design, achieving faster results.
- Achieved a reduction in server downtime by 20% by implementing better error handling and load management processes.

Social-Media Simulation with OOPS in C++ **GitHub Repo.**
Technologies: C++, OOP, File Handling

- Engineered a social media simulation managing data for 10,0+ users, utilizing advanced object-oriented programming and file handling.
- Improved data processing speed by 30% through efficient algorithm design and data management, reducing memory consumption by 25%.
- Enhanced system stability, ensuring 99% uptime by incorporating optimized memory management techniques.

Face Recognition **GitHub Repo.**
Technologies: Python, cv2, pathlib, pandas, Machine Learning

- Designed and deployed a face recognition system achieving 98% accuracy across a test set of 5,000 images.
- Reduced face verification time by 20% using optimized Python libraries and algorithms.

Coursework

- Data Structures and Algorithms
- Design and Analysis of Algorithms
- Database Management Systems
- Object Oriented Programming
- Machine Learning
- Computer Networks

Achievements

- Solved more than 120+ Leetcode Problems, demonstrating proficiency in tackling complex coding challenges.
- Awarded Third Position in the State-Level Hockey Championship, showcasing dedication and teamwork skills.
- Invited for the NDA interview twice, highlighting leadership potential and discipline.

Certificates

- **Advanced Learning Algorithms, Coursera** **Completed: Jun 2024**
- **Supervised Machine Learning: Regression and Classification,Coursera** **Completed: Jan 2024**