

YASH AGGARWAL

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EDUCATION

National Institute of Technology, Hamirpur
B.Tech Computer Science *GPA: 7.76*

Hamirpur
Dec 2020 - July 2024

SKILLS

Programming Languages:	JavaScript, TypeScript, C++ , Go, Python, Rust
Frameworks:	ReactJs, NodeJs
Tools:	Git, Linux, Docker, Airflow, Spark
Data Structures and Algorithms	Computer Networks, Operating System, DBMS

EXPERIENCE

BNY
SDE

Pune
July 2024 - Present

- **Data Lineage Visualization:** Built tools to transform CSV-based lineage data into Solidatus-compatible JSON for interactive visualization of dependencies across data workflows.
- **Data Pipeline Development:** Designed and optimized data ingestion and transformation pipelines using Apache Airflow for orchestration, leveraging HDFS for storage, Parquet for efficient data querying, and Spark for large-scale data processing.

BNY
SDE Intern

Pune
Jan 2024 - June 2024

- **Full-Stack Web Development:** Developed and enhanced web applications using Spring Boot for backend services and Angular for frontend interfaces.
- **Container Security:** Identified and resolved vulnerabilities in Docker images to ensure secure application deployment.

CodeChef NITH Chapter
Chapter President

NIT Hamirpur
Sep 2021 - July 2022

- Organized workshops on Introduction to Competitive Programming and STL.
- Organized various Competitive Programming Contests like Regular Contest 1, CP Liftoff etc.

CSEC
Executive

NIT, Hamirpur
Apr 2021 - Present

- Designed Problems for monthly programming contests named Heuristics.
- Volunteered on Software Freedom Day, promoted and installed Linux Distributions.
- Conducted Programming Meets on various topics.

PROJECTS

Moments *ReactJS, Nodejs, MongoDB*

agg-yash/Moments

Built a social media clone web application with MERN Stack with authorization and functionality of liking and commenting on posts

Pathfinding Algorithm Visualizer *ReactJS*

aynp/pathfinding-algorithm-visualizer

Visualize various pathfinding and maze solving algorithms.

ACHIEVEMENTS

Competitive programming - Codeforces
Expert in codeforces.

Codeforces
Max Rating 1600

Flipkart GRiD 4.0 - Software Development Challenge

Flipkart

Qualified for Flipkart GRiD 4.0 - Software Development Challenge Round 2

Google Kickstart

Google

Achieved Global Rank 243 in Google Kickstart Round G

1 Nov 2022

LINKS

Codeforces

Curd

GitHub

agg-yash

LinkedIn

Yash Aggarwal