Yash Choudhary

✉ yashchoudhary572001@gmail.com 📞 9027359137 in LinkedIn ⌭ GitHub ⚿ Leetcode ▦ HackerRank

EDUCATION

Master of Computer Application, National Institute of Technology, Tiruchirappalli Aug 2022 – May 2025
Tiruchirappalli, Tamil Nadu
  GPA: 8.23

B.Sc, Ramabai Ambedkar Govt. Mahavidyalaya, Gajraula (Amroha) Aug 2018 – Jun 2021 | Gajraula
  Percentage: 64.59

Intermediate (XIIth), Vishwa Bandhu Academy Moradabad Rd J P NGR UP 2016 – 2017 | Gajraula
  Percentage: 82.8

High School (Xth), Vishwa Bandhu Academy Moradabad Rd J P NGR UP 2014 – 2015 | Gajraula
  CGPA: 8.4

INTERNSHIP EXPERIENCE

Investigating Cold Start Delays, Research Intern Jul 2023 – Sep 2023 | NIT Trichy
- Research Intern under Dr. Vinay Raj, Assistant Professor at NITT.
- Conducted a detailed analysis of the impact of programming languages on cold start latency in serverless environments, utilizing four distinct programs.
- Discovered no correlation between code size and cold start latency after extensive empirical analysis.
- Utilized Function-as-a-Service (FaaS) frameworks across multiple platforms, including AWS Lambda, Azure Functions, and Google Cloud Functions, and performed testing using HTTP triggers for performance metrics.

PROJECTS

Harvester ✎ Jun 2024
- Developed a proof-of-concept website using Machine Learning (ML) and Deep Learning (DL) for crop recommendation, fertilizer suggestion, and plant disease detection.
- Crop recommendation, fertilizer suggestions, and plant disease detection using soil data and leaf images, with custom-built datasets.

Foundit ✎ Feb 2024
- Designed and launched a comprehensive Student Helping Portal to improve academic preparation, boost problem-solving capabilities, and compile extensive data on senior students' placements and internships, including company criteria and insider insights, aiding over 110+ users.
- Leveraged the MERN stack (MongoDB, Express.js, React, Node.js) for efficient development and deployment of the student support platform.

Metro Station Graph ✎ May 2023
- Developed Java program for Delhi Metro navigation using Graph and Heap structures.
- Implemented Dijkstra's algorithm for shortest route calculation.
- Utilized Main.java as core codebase with specialized heap implementation in Heap.java.

SKILLS

Programming Languages — *C, C++, Python, Java, Javascript*, **Database** — *MySQL, SQL, NoSQL*, **Analysis Software** — *Pajek*, **Other Software** — *GitHub, Microsoft Word, AWS, Azure, GCP, Excel, Visual Studio, Jupyter Notebook, NodeJs, React.*

AREAS OF INTERESTS

Data Structure and Algorithm | OOPS Concept | Data Base Management System | Operating System | Computer Networks

CERTIFICATES

- Career Essentials in Generative AI by Microsoft and LinkedIn ✎
- Python for Data Science and Machine Learning Bootcamp ✎
- Problem Solving(Basic) ✎

ACADEMIC ACHIEVEMENTS

Runner Up ✎
  Runner Up in **India's Presidency – G20: The Student's Perspective 2023**, presented prototype design entitled: **Accelerating SDGs**.

POSITIONS OF RESPONSIBILITY

Member, Parallel Computing Club, NITT Jan 2023 – present
- Promoting awareness of **Parallel Computing** and related software, and designed website and organized events for **INNOVAC'23**.

Member, PPC Club, NITT Dec 2022 – present
- Dedicated to promoting social inclusion and welfare for underprivileged children.

EXTRACURRICULAR ACTIVITIES

- Actively contributed to the MCA Volleyball Team in **Sportsfete'23**, the interdepartmental sports fest hosted by NIT Trichy.
- Contributed to Mime Act (**Acid Victims**) in **SpeilMac'23**, coordinated by the SOFTREC club of NITT