

Harsh Gaur

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EDUCATION

Indian Institute of Information Technology Guwahati

Bachelor of Technology in Computer Science and Engineering (8.04)

Guwahati, Assam

Dec. 2020 – Jul 2024

Modern Delhi Public School, Sector 87, Faridabad

10th(CGPA: 9.6) and 12th(79.2%)

Faridabad, Haryana

Apr. 2016 – Mar 2019

PROJECTS

LLM log-files analyzer(Flipkart Grid Project)

Sep - 2023

Tech Stack: LLM - Falcon 7-B, Qlora, ReactJS, Python,HTML,CSS

[Link](#)

- Deployed and a large language model for log analysis by fine-tuning Llama2 to detect security anomalies.
- As an input we pre-processed raw log files and finetuned it using PEFT(Parameter Efficient Finetuning) method called LoRA and optimized the gpu memory by converting 64-bit to 4-bit.
- The resultant model identifies deviations from security standards in log entries and generates a text file output, which can be downloaded from user interface created using React and Flask.

Haruna

Dec - 2022

Tech Stack: Python, Speech Recognition, Pyttsx3

[Link](#)

- Designed and implemented an AI-powered desktop voice assistant using Python in multiple languages including Hindi to enable seamless interaction through voice commands inspired by Jarvis.
- Engineered the assistant to perform diverse tasks, including sending emails, opening websites, and executing daily functions with a single voice command and advanced NLP techniques to enhance user experience and efficiency.

BankWiz

Mar - 2023

Tech Stack: HandleBars, CSS, JavaScript, Node.js, Express.js, MongoDB

[Link](#)

- Developed, designed and managed hassle-free banking services that let customers easily deposit, withdraw, and transfer money using their phones or computers by implementing concepts like CRUD and user authentication.
- Created a security system to monitor logins, ensuring that only authorized users had access. This feature increases users' confidence that their private information was always protected.

TECHNICAL SKILLS

Frameworks: React, Node.js, Flask, WordPress, Tailwind

Languages and Tools: Python, C/C++, SQL, JavaScript, HTML/CSS, Git, Github, AWS, MongoDB

COURSEWORK

Data Structures, Algorithms, Machine Learning, Operating System, Cloud Computing(AWS), Artificial Intelligence, Computer Networks, Database Management System, Object-oriented programming

POSITION AND RESPONSIBILITY

Overbooked (Reading) Club Coordinator IIITG

August 2021 – March 2022

House-Jhelum Captain MDPS, Faridabad

May 2018– May 2019

ACHIEVEMENTS

LeetCode : 300+ questions

Flipkart GRiD 5.0 - Information Security Challenge: Cleared 2 rounds were among top 250 out of 22,000.

Coding Ninjas: Ranked in the top 250 among 16,534 participants in the contest named CNSAT.

Technothon, IIT Guwahati: Secured All India 2nd rank winning a trip to ISRO, Bangalore.

Scholarship under HSTSE(NTSE): Secured 36K scholarship for performing excellent in NTSE.

32nd Aryabhata Inter School Mathematics Competition: Team: Runners Up Trophy.

CODING PROFILES

Leetcode

CodeChef

Codeforces

GFG

Interviewbit