

# Harsh Gaur

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## EDUCATION

### Indian Institute of Information Technology Guwahati

Bachelor of Technology in Computer Science and Engineering (7.81 CPI)

Guwahati, Assam

Dec. 2020 – June 2024

### Modern Delhi Public School, Sector 87, Faridabad

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

Faridabad, Haryana

Apr. 2016 – Mar 2019

## EXPERIENCE

### Full Stack Developer Intern @Exeevo - Bangalore

Jan 8.2024 – June 28.2024

Tech Stack : Angular, Ionic, TypeScript, HTML, CSS with Agile Methodology

Created Fetch XMLs for entities from MS Dynamics CRM and integrated them using

Rest Apis, implemented MS-ADAL authentication, created a slider for slides(using swiper) worked on UI.

## PROJECTS

### LLM log-files analyzer(Flipkart Grid Project)

Sep. 2023

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

[Link](#)

- Deployed a large language model for log analysis by fine-tuning Falcon 7-B to detect security anomalies.
- As an input we pre-processed raw log files and finetuned them 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 the 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.

## TECHNICAL SKILLS

**Frameworks:** React, Node.js, Flask, Ionic, WordPress, Tailwind, Angular, Spring Boot

**Languages and Tools:** Python, Java, Golang, C/C++, SQL, JavaScript, TypeScript, HTML/CSS, Git, Github, AWS, MongoDB, Pandas, Matplotlib

## COURSEWORK

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

## ACHIEVEMENTS

Algo University Graph Educational Contest : AIR 3

Codechef Starters 119 :: Global Rank 134 out of 25651 participants

Flipkart GRiD 5.0 - Information Security Challenge:: Top 250 among 0.5 million

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.

## CODING PROFILES

[Leetcode](#)

[Codeforces\(max:1323\)](#)

[CodeChef\(max:1688\(3\\*\)\)](#)