

Harsh Gaur

+91 9873493657 | harsh.gaur@iiitg.ac.in | [Linkedin](#) | [Github](#) | [Portfolio](#)

EDUCATION

Indian Institute of Information Technology Guwahati

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

Guwahati, Assam

Dec. 2020 – June 2024

EXPERIENCE

Senior Analyst(Data Engineer) @Capgemini

03/09/2024 – current

Tech Stack : Azure Data Factory, Databricks, Oracle SQL, Python, Pyspark

- Designed a robust star schema featuring well-structured dimension and fact tables to optimize data storage and retrieval. Developed and managed ETL pipelines using PySpark, ensuring efficient data processing, transformation, and scalability. Generated comprehensive reports on key business metrics such as customer transactions, order volumes, and profit margins, supporting data-driven decision-making.
- Executed complex PySpark/SQL queries in Databricks to extract valuable insights from IPL datasets, facilitating in-depth analysis. Utilized Azure Data Factory (ADF) by implementing various activities like Copy, Delete, Foreach, Lookup, and GetMetadata to streamline data workflows. Created an AWS Glue crawler to process and transform nested JSON data, enabling schema extraction and generating detailed reports through advanced SQL queries within AWS Glue notebooks, focusing on customer data analytics.

Full Stack Developer Intern @Exeevo - Bangalore

08/01/2024 – 28/06/2024

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

- Created the web-app from scratch. Developed and integrated Fetch XML queries for various entities from MS Dynamics CRM, ensuring seamless data retrieval and interaction with the system through REST APIs. Implemented MS-ADAL authentication, enhancing security and user access management across the platform. Designed and built a dynamic slider feature using Swiper.js for seamless loading of slide components in the 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 fine-tuned Falcon 7-B model using the LORA PEFT method to detect security anomalies in log files. The resultant model identifies deviations from security standards in log entries and generate and the model generated security reports/actions, downloadable via a React and Flask-based user interface

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.

TECHNICAL SKILLS

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

Languages and Tools: Azure Data Factory, Azure Databricks, Aws(Glue, Athena etc), Python, Java, C/C++, Pyspark, SQL, JavaScript, TypeScript, HTML/CSS, Git

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\(max:1452\)](#)

[CodeChef\(max:1736\(3*\)\)](#)