

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

Senior Analyst A5 @Capgemini

03/09/2024 – Current

Tech Stack : Azure Data Factory, Databricks, Oracle SQL, Python, AWS(AWS Glue, AWS Athena etc), Pyspark

Inventory Management

- Designed start schema with dimension and fact tables.
- Built ETL pipelines using Pyspark for data processing and transformation.
- Generated reports on customer transactions, order counts and profits.

Other tasks

- Used Pyspark/SQL(complex queries) in Databricks to fetch reports regarding IPL datasets.
- Tried different activities in ADF(Copy, Delete, Foreach, Lookup, GetMetadata etc)
- Created crawler in AWS Glue to understand nested Json data and exploded the data to get desired schema and wrote complex queries in AWS Glue notebook to get desired reports from Customer data

Full Stack Developer Intern @Exeevo - Bangalore

08/01/2024 – 28/06/2024

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.

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++, Oracle SQL, Pyspark, SQL, JavaScript, TypeScript, HTML/CSS, Git, Github, MongoDB, Pandas, Matplotlib

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:1736\(3*\)\)](#)