Website
kartikgt.github.io

Mail
kartikgt23@gmail.com

Contact
(+91) 9800131277

Programming
- Java
- Python
- Shell
- SQL

Python Libraries
- Requests
- TensorFlow
- Keras
- Beautiful Soup
- Pandas
- Matplotlib
- Selenium

Big Data Tools
- Hadoop
- Hive
- Grafana
- Spark
- Jenkins
- Splunk
- MySQL
- ELK

Operating Systems
- Windows
- Linux

Interests
- Football
- Formula One
- Science Fiction
- History and Arts
- Swimming
- Writing blogs

Kartik Gupta

Education

2013 - 2018, *Indian Institute of Technology Kharagpur*
Integrated Dual Degree, Electronics and Electrical Engineering

- **Masters' Thesis Project**: Translating Images to Natural Language Sentences using Deep Neural Networks for Captioning.
- **Bachelors' Thesis Project**: Blur kernel estimation in images using a softmax criterion with a Convolutional Neural Network.

Experience

Jun 2018 - present, *Big Data Engineer*, SAP SuccessFactors
- Member of the Integrations team of the Cloud Operations Board at SAP Labs, ensuring the operational goals are met and providing seamless integration between cloud based (HCM) applications.
- Developed a data democratization platform for developers to manage and monitor their S2 jobs and APIs in real time enabling them to proactively predict and resolve issues before client impact.
- Visualized the Application Performance Metrics (APM) in ELK for analyzing page latencies, traffic, and usage trends for applications.
- Created CI/CD paradigm on data pipelines to automate the Extract, Transform, Load (ETL) functions on batch and steaming data.
- Applied Machine Learning models to predict job failures, possible downtimes and long running queries, and identified client specific trends for better management of resources during peak season

May 2017 - Jul 2017, *Operations Intern*, Nomura Research Institute
- Executed a data governance project for the compliance of a broker back office data ecosystem with the data privacy GDPR guidelines.
- Developed solutions for ensuring data integrity, encryption of PIIs, and data mapping by identifying lineages in 50,000+ schemas.

May 2016 - Jul 2016, *Summer Intern*, Miebach Consulting
- Identified key Indian ports and industries for introduction of cold storage, CFS and ICDs to support existing supply chain systems.
- Formulated an Auto Replenishment System for a retail client to ensure constant stock availability and capacity prediction.

Extra-Curricular

April 2014 - May 2018, Spring Fest, cultural fest of IIT Kharagpur
- *Steering Committee Member*, Advised and mentored a team of 50+ students responsible for organizing and conducting the fest.
- *Events Head*, Responsible for conceptualizing, planning, and executing the events held during the 59th edition. Led a team of 25+ students and formed partnerships with 10+ associations.

April 2016, Candidate for the President of the Students' Senate
- Among the two candidates selected from a batch of 1400+ to contest for the top post in the student body. Presented the Statement of Purpose to 10,000+ students demonstrating public speaking skills.

MISSION : I aim to develop a full stack Machine Learning Engineering skill-set and apply them to solve complex problems for organizations.