RACHIT GANGWAL

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SUMMARY

Data & Software Engineer with over 3 years of experience in designing and implementing robust Python-based ETL and ELT pipelines to manage large volumes of data effectively, ensuring seamless data loading and visualization. Adept at optimizing data accessibility and usability empowering stakeholders to make informed, data-driven decisions.

EXPERIENCE

BlackRock - Gurugram, India

Associate (Engineer II)   *January 2024 – Present*
- Designed and implemented enhancements for an ETL-based real-time observability pipeline, achieving 98% improvement in near real-timeliness, and accelerating dependent trackers to be 70% faster.
- Managed and mentored new interns by providing project guidance and support, resulting in a 100% conversion of all the interns to full time employees.

Analyst (Engineer I)   *July 2021 – January 2024*
- Played a key role in the development of a real-time observability pipeline via event streaming (Kafka) and data visualization (Splunk), reducing anomaly detection time in production from ~30 minutes to 5 minutes.
- Automated the maintenance of Hadoop based data lake platform, achieving a 30% monthly reduction in storage usage and preventing data loss through synchronized data management across multiple farms.
- Delivered insights and guidance for the team owned historical & real-time platforms, enhancing data usability and quality through the effective implementation of a self-service model for these platforms.

Intern   *January 2021 – July 2021*
- Earned Aladdin Python Developer Certification from BlackRock, demonstrating proficiency in Python and industry-standard financial technologies.
- Developed web based Training Simulator to expedite the onboarding process from 1.5 months to just 15 days and significantly improving training efficiency.
- Acquired in-depth business understanding, aligning with the firm's objectives to deliver impactful contributions.

SureClaim - Bengaluru, India

Summer Intern   *May 2019 – June 2019*
- Built a web-based summary generator for policy papers, to reduce the time spent on reading the policy papers down to 3-5 minutes which benefits users greatly during emergencies.

EDUCATION

Manipal Institute of Technology - Manipal, India

BTech in Computer Science & Engineering with Minor Specialization in Big Data   *2017 – 2021*
Graduation CGPA: 9.33
Student Organization: IEEE Student Branch Manipal

CBSE Class XII Board Examination - R.N. Podar School, Mumbai | *Percentage: 91.4%*   *2016 – 2017*
CBSE Class 10 Board Examination - Birla Public School, Pilani | *CGPA: 10*   *2014 – 2015*

SKILLS

Technical: Python, SQL, Splunk, Hadoop, Kafka, Spark, C++, Perl
Course work: Object Oriented Programming, Data Structures, Algorithms, Database Management Systems, Computer Networks, Parallel Programming, Distributed & Cloud Computing, Operating Systems, Big Data
Interests: Swimming, Graphic Designing, Dramatics, Football