

Akhil Karuturi

☎ (315) 380-9897

🌐 <https://www.linkedin.com/in/akhil-chowdary-karuturi>

✉ chowdary.karuturi92@gmail.com

Dear Hiring Manager

After looking at your job posting in Mc-Kinsey & Company Careers, I am enthusiastically writing to express my interest for the Data Engineer – University Students position. With almost 2 years of experience in Data extraction, Transformation, analysis and loading, I am confident that I am an excellent fit for this role. The knowledge I acquired in my work experience and master's at Syracuse University has provided me with the Innovative and technical skills necessary to successfully provide multifaceted technical solutions across wide range Data platforms for your company.

At Deloitte consulting, I worked as a Business Technology Consultant for a Healthcare and pharma client. I was responsible for data extraction from various sources, transforming, enrich and analyzed the data using Spark, AWS EMR to build the data lake in S3 and migrate the data from data lake to Redshift tables for further analysis. At Accenture Solutions pvt ltd, I worked for a US health insurance client in extraction, transformation and analyze data to draw various insights to help client in savings of 15 million dollars per quarter. I also implemented various Netezza business logics in spark SQL, optimized them to increase query performance by 40% and optimized spark performance by considering various parameters such as executor memory, cores usage, broadcasting, partitioning to reduce time to process by almost 30%. I was awarded Accenture Ace performer award for 2016 Q3.

I also lead team of 6 called Navrithi at Accenture Solutions Pvt Ltd, to encourage and foster innovation and automation of daily redundant tasks across the project, which helped client in achieving a savings of 5 FTE per day. I also lead Rotary club student chapter GITAM University, initiated, organized various social activities and also increased its membership by 200%.

My previous academic record and productive work experience helped me to pursue masters at Syracuse University. At Syracuse University, I worked on various complex projects like:

1. Designed and built a distributed, streaming near real time data pipeline using Spark, Kafka, Elastic search hosted on AWS.
2. Analyzing impact of various factors on Accident Fatalities data using Spark Core, Data Frames and Spark MLlib (Various ML Algorithms)
3. Building an automated Build framework for Continuous Build and Integration called "Build server" (Under Prof. Jim Fawcett)
4. Designed and developed enterprise data warehouse for a retail chain using Apache HIVE, MYSQL, and Hadoop Eco system.

I am AWS Certified Developer. I have enclosed my resume and would appreciate an opportunity to talk with you. Please visit my LinkedIn profile to know about all my accomplishments. Should you have any questions, please feel free to contact me. I look forward to hearing from you soon.

Sincerely,
Akhil Karuturi