

Abhijith Kasula

Columbus, OH | [Portfolio](#) | [Github](#) | [Mobile](#) | [Mail](#)

EDUCATION

Master of Engineering in Mechanical Engineering

University of Cincinnati, Cincinnati, Ohio

August 2021 – December 2022

Bachelor of Technology in Mechanical Engineering

Presidency University, Bangalore, India

August 2017 - May 2021

Activities: Member of Society of Automotive Engineers India, Participated in Design and fabrication of Range Extended Electric Vehicle (REEV) building competition in 2019.

PROJECTS

- [What would Kasula do?](#)
 - An attempt to showcase my evolution in approaching a problem through data storytelling.
- [Scrape Kasula's Resume](#)
 - What if the only way to get my resume was through web scraping!

SKILLS AND CERTIFICATIONS

Skills: Python, Tableau, PowerBI, Excel, R, SQL, Web Scraping, Data Cleaning, Data Warehousing, Data Visualization, Pig, Hive, Kafka, Hadoop, Cassandra, Elasticsearch, SolidWorks 2018, CATIA V5R20, Autodesk Fusion 360, AutoCAD 2018, ANSYS Workbench, ANSYS Fluent, Adobe Photoshop, Adobe Illustrator, Adobe After Effects, Blender, English, Kannada, Hindi, and Telugu.

Certifications:

- [Autodesk CAD/CAM for Manufacturing Specialization](#) **October 2020**
- [R Programming](#) **September 2020**
- [SQL for Data Science](#) **July 2020**
- [CAD and Digital Manufacturing Specialization](#) **July 2020**
- [Excel Skills for Business Specialization](#) **July 2020**
- [Data Science Math Skills](#) **April 2020**

WORK EXPERIENCE

Data Engineer, Devoir Software Solutions, Columbus, Ohio

June 2023 - Present

- Responsible for **Hadoop** development.
- Implementation including loading from disparate data sets, preprocessing using **Hive** and **Pig**.
- Scope and deliver various **Big Data** solutions.
- Manage the technical communication between the survey vendor and internal systems.
- Maintain the production systems (**Kafka**, **Hadoop**, **Cassandra** and **Elasticsearch**).
- Ability to design solutions independently based on high-level architecture.

Data Analyst, Thinklusive. Inc, Monmouth Junction, New Jersey

September 2022 – May 2023

- Gained proficiency in writing optimized **SQL** queries for extracting the data from various data sources.
- **Mined** data from various data sources, formatted the raw data in **Excel**, analyzed data using pivot tables for insights.
- Generated dashboards using **Tableau** and **PowerBI** from the necessary data that aided in meetings.
- Merged large datasets and produced monthly and weekly reports to track progress.
- Used diverse datasets for actionable insights that aided in modeling positive future outcomes.

Project Intern, Gas Turbine Research Establishment of India (GTRE), Bangalore, India

January 2021 - April 2021

GTRE is the R&D laboratory of the Defense Research and Development Organization (**DRDO**).

- Gained Technological knowledge of **ANSYS Workbench**, **ANSYS 2020 R1** and **Origin 2021**.
- Normalized the data before performing the necessary operations so that the data has less redundancy and is clean.
- Generated monthly and weekly reports by getting data in **CSV** format from the testing team using **Excel**.
- Built the necessary pivot tables and dashboards for the necessary meetings and discussions.

Computer Aided Design Intern, Tech-Ed Equipment Private Limited, Bangalore, India

June 2019 – July 2019

- Provided 3D modelling and drafting support through SolidWorks 2018.
- Gained knowledge about the laboratory kits the company produces and supplies to various institutions.
- Observed the client management, worker management and supply chain management of the firm.