Nikhil Garbhana
Data Analyst

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Objective:

A highly organized and hard-working individual looking for a responsible position to gain practical experience. Good team player and goal oriented willing to work for a progressive organization which gives me opportunity to enhance my knowledge and utilizing my skills towards the growth of the organization.

Work Experience:

- **Data Analyst – Innowatts Energy Analytics**   *August 2021 – till date*
  - Converted data into actionable insights from the on-boarding clients and for predicting and modelling the future outcomes.
  - Worked in cost optimizing for client and company for long term forecasts by analyzing and visualization of historical data.
  - Utilized MS EXCEL, MS SQL, Tableau and other dashboards / visualization tool sets for data analytics and intelligence.
  - Prepared reports at daily, weekly, and monthly level basis to analyze the forecasts and the backcasts, and by calculating mean absolute percentage error with the actuals to observe the performance of models and there by analyzing MAPE numbers and justifying them with attribute used.

- **Technical Engineer - YES Energy Solutions**   March *2020 – December 2020*
  - Successfully designed and implemented an electrical vehicle two-wheeler, can give a mileage of 60 km on one full charge.
  - Designed Lithium-ion battery of voltages range 48v, 60v and 72v. Launched in market with name "TRISAKHTHI".
  - Remodified Bajaj Kawasaki 4S to electrical vehicle, with 750kW motor and 48v Lithium-ion battery. Improved vehicle speed from 25km/hour to 45km/hour

- **Trainee Engineer - KPIT Technologies Ltd**   *July 2019 – January 2020*
  - Developed a software to trigger wipers, using rain sensor and anti-pinch power windows software.
  - Automatic changing intensity of headlight using light sensor.

Education:

- Bachelor of Technology   *July 2015 – May 2019*
  - Electrical Engineering   CGPA – 7.18
  - National Institute of Technology, Kurukshetra
- Intermediate   *June 2012 – March 2014*
  - Mathematics, Physics, Chemistry   93.1%
  - Sri Chaitanya Jr College Visakhapatnam
- 10th   *June 2011 – March 2012*
  - Secondary Board of Education – 9.5
  - Sri Chaitanya School Visakhapatnam

Skills:

- Python, SQL, Excel, Google Sheets, Tableau
- Data Analysis, Data Exploration, Data Visualization
- Technical Skills: Data Structures, Algorithms
- Leadership, Management, Problem Solving, Quick Learner, Teamwork
- Attention to details, good listening skills
- Possess optimistic attitude towards a task.
- Languages: English, Hindi, and Telugu

Projects:

- Data Cleaning and Exploration in SQL Server:
  - In this project, I have worked on Nashville Housing data, explored it, and then cleaned the data.
  - Explored the data of COVID 19 Worldwide data Deaths occurred and Vaccinations done till date. Percentage of population effected and probability of a person getting COVID and probability of person facing death and many more.
  - Tools used: SQL
  - Data Cleaning in SQL Server Project
  - Data Exploration in SQL Server
- Data Visualizations - Tableau:
  - In this project, I have worked on COVID 19 World and India data, explored, and made visualizations.
  - Calculated the world-wide and India statistics of the data of Deaths occurred and Vaccinations done till date. Percentage of population effected and probability of a person getting COVID and probability of person facing death and many more.
  - Tools used: Tableau
  - COVID 19 Dashboard India
  - COVID 19 Dashboard World
- Data Cleaning, Exploration and Visualizations using Python:
  - In this project, I have worked on COVID 19 India data and Titanic data, to explore, analyze and visualize.
  - Tools used: Jupyter Notebook, Python.
  - Data Exploration COVID 19 - Python
  - Data Exploration Titanic-Python
- E Bike:
  - Motor capacity 750w and lithium-ion battery of 48v 24Ah.
  - Can run up-to 60 kms in one full charge for 3hrs.
  - E-Bike

Achievements/ Extra-curricular Activities:

- **Secretary** of ELECTRORECK, a techno managerial society of Electrical Department, NIT Kurukshetra.
- Member of Embedded and Robotics Club NIT Kurukshetra.
- Successfully organized fest Techspardha '17 and '18.
- Organized Director's Trophy in NIT Kurukshetra, a fest for school children in and near Kurukshetra.
- Conducted seminars on GATE (ACE Academy) and CAT (Career Launcher) for aspirants at NIT Kurukshetra.

The above information provided is factual and can be supported with all the relevant documents for authentication.

Nikhil Garbhana