Elesh Rudra

Data Scientist

8.5 Years Work Experience

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Company	Duration	Role
Kevision Systems.	Sept 2016- Present.	System Executive.
Optimized Solutions Pvt. Ltd	March 2015 – July 2016	Application Engineer.
UNJH Solution.	Oct 2013 – March 2015	Junior Engineer.
GTPL Pvt. Ltd	May 2013 – Sept 2013	Graduate Trainee Engineer.

Technical Skill

- Pyhton, Numpy,PANDAS
- ML, Tableau
- SVN, GITHUB Tools
- My SQL , MSSQL Database
- Knowledge of Product Development and product life-cycle
- NI LabVIEW, NI Vision System, NI cRIO.
- NI VISA, RS-232, RS-485, Modbus communication.

Certification

- Data Scientist
  https://success.simplilearn.com/46741421

Professional Skill

- Team Lead
- Project Lead
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Work Experience & Projects

- **Data Science Projects**

  - **Customer-Service-Requests-Analysis**

  - **Movielens Case Study (Python)1. User Age Distribution**

  - **Mercedes-Benz Greener Manufacturing (ML-Python)**

  - **Real Estate Case Study(Capstone project).**

  - **Sales Performance Analysis using Tableau**

- **Track & Trace Solution For Pharmaceutical Packing.**
  - Developed Image capturing and processing algorithms for OCR/OCV and barcode detection Batch process management algorithms development for serialization and parent child relation, User management algorithms development, Third party (like Tracelink, Tracekey) integration for batch data download and Database MSSQL and MySQL) usage for data storage and hardware interfacing like camera, printers and input/output card.
  - NI LabVIEW, Vision , Smart Camera, Point Grey Industrial Grade Camera used for Decode DOTCODE and 2D code for complete Parent-Child relationship.
  - Integrated Industrial Printer Like TIJ, TTO Laser printer in Our Product.
  - Project procurement management from start to end till dispatch of Products (140 + systems) with internal-external teams.

- **Complete Label Inspection System**

  - Report generations & Image processing algorithms, for defect detection between two printed labels and hardware interfacing like camera and input/output card.

- **Centrifugal Pump Testing facility (Ingersoll Rand)**
  - Automatic testing of Centrifugal air compressor and generation of quality report.
  - NI cRIO, NI-VISA used for developing this system.

- **Pump Testing Facility (JEE Pump).**
  - Automatic Pump testing facility both the vertical and horizontal.
  - NI cRIO, NI-VISA used for developing this system.

- **Solar Power Project 60MW & 30MW (DATA Acquisition project) at Jodhpur, Rajasthan& Durg, chattisgarh.**
    - Data acquisition at control room , using fiber ring topology of ITC rooms each room as inverters and fuses boxes they connect serially and terminates gate way at control box at that room and
    - That gateway connects with phoenix ether/FO switch and switch connect in ring topology. This data gathered at control room lab view system and all parameters inserted predefined templates. Lastly all templates sent to head office through FTP.

- **Data acquisition for small scale industry (PLC based Automation) .**
    - Developed database related software for number of companies, Endurance Test System for MCCB at L&T, Fermentation Process System, Bag Capacity Test (Packaging Ind.), Temperature Measurement System.

- **Digital & Analog Channel Broadcasting**
    - Daily manual report generation of every setup top box like Cisco, Gtpl Hathway, Many more.
    - Make on line new Channel with satellite configuration.

Education

- **GEC, Modasa, Gujarat — Bachelor of Engineering (G.T.U.)**
    - JULY2009 - JUNE 2012 (Electronics & Communication).
    - Industrial training (JULY 2011 - MAY 2012) at Hitachi hi-rel power electronics pvt. ltd, Gandhinagar, Gujarat.
- **GP, Ahmadabad, Gujarat — Diploma of Engineering(T.E.B)**
    - JULY 2006 - JUNE 2009 (Electronics & Communication).
    - Industrial Training (JAN 2009 - MAY 2009) at Reliance communications ltd, Ahmadabad, Gujarat.

Language

- **English [Read|Write|Speak]**
- **Hindi [Read|Write|Speak]**
- **Gujarati[Read|Write|Speak]**
- **Telugu [Speak]**