

ANUGANTI SURESH

✉: sureshmecad@gmail.com | ☎: +91 9980233554

in: <https://www.linkedin.com/in/anuganti-suresh-9aa17822/>

| DATA ENGINEERING | DATA VISUALIZATION | AUTOMOTIVE ||

SUMMARY

To be associated with progressive organization that gives me scope to apply my educational and technical skills to provide me with advanced opportunity and knowledge empowerment to contribute to the overall development and growth of the company as well as my career.

AREAS OF EXPERTISE

SQL | Azure Databricks | ADF | PySpark | Python | TABLEAU | CATIAV5 | TEAMCENTER |

EXPERIENCE

DATA ENGINEER:

- ◆ Experience in developing Spark applications using Spark-SQL in Databricks for data extraction, transformation, and aggregation from multiple file formats for Analyzing & transforming the data to uncover insights into the customer usage patterns.
- ◆ Extract Transform and Load data from sources Systems to Azure Data Storage services using a combination of Azure Data factory, T-SQL, Spark SQL, and U-SQL Azure Data Lake Analytics. Data ingestion to one or more Azure services (Azure Data Lake, Azure Storage, Azure SQL, Azure DW) and processing the data in Azure Databricks
- ◆ Responsible for estimating the cluster size, monitoring, and troubleshooting of the Spark data bricks cluster
- ◆ Delivering new and complex high-quality solutions for Users in response to varying business requirements
- ◆ Optimized SQL queries for improved performance and availability.
- ◆ Updating or inserting records to data bases to accommodate the production changes.
- ◆ Writing complex SQL queries to extract right data set from data sources to be used independently for feeding into dashboards.
- ◆ Worked with Developers, QA and Client in resolving incidents.

DATA SCIENCE:

Jun 2021 – Aug 2021 Intern | CloudyML

- ◆ **Employee Salaries:** To predict the salary of employee
- ◆ **Bike trip duration prediction:** Seoul Bike trip duration prediction

Sep 2021 – Dec 2021 Assistant Intern | Samrat Ashok Technological Institute

- ◆ **COVID 19 tweets classification:** Twitter multi text classification.

Aug 2021 – Aug 2021 ML Intern | The Machine Learning Company

- ◆ **ANDROID Malware APP classification**
- ◆ **HIGGS BOSON discovery using Machine Learning:** HIGGS BOSON discovery using Machine Learning

Jan 2021 – Feb 2021 ML Intern | Technocolabs

- ◆ **Bots in the Net:** Applying Machine Learning to Identify Social Media Trolls. Deployed in Heroku using Flask.
- ◆ **Music Genre Classifier and deployment:** Music Genre Classifier and deployment

COMPANY#1

GTT (JAN 2021 to till date): CAB ARCHITECTURE

- ◆ **Concept CAB:** Worked on cab structure for new mono-rail cab.
- ◆ **CAB Architecture proposal** for P1704 & P1706 (Alarm ECU Installation)
- ◆ **CAB Architecture check** for P1704 & P1705 (chassis fairing / Virtual build / MAA-CAD Module / Harness check for LED in A Pillar, FLC, VRU Rear screen)
- ◆ **CAB Architecture check** for P1706 (MAA-CAD Module / Harness check for DC-DC Converter)

VOLVO CARS [VCC Satellite] (Jan 2020 to DEC2020)

- ◆ Development of Bumper and Grilles:
 - Two weeks in Gothenburg, Sweden for team center training.
 - Developing Rear Bumper & Grille for Volvo Cars.
- ◆ Design and Development of rear insert, splitter, rear chrome inscription, FSR Bracket, rear cover upper, Grille changes (Mesh, Frame, Seal, Diagonal, Momentum channel, EMBLEM) changes in 522A & 622A.
- ◆ 3DPMI generation for parts using FTA.
- ◆ Supplier feedback on Tooling changes, FFI, split lines, Grain lines, surface class, markings, and Measure points.

VOLVO GTT [SEMCON ODC] (OCT 2019 to DEC 2019)

- ◆ Worked for BIW parts of MACK trucks.
- ◆ Design of BIW concept based on customer requirements.
- ◆ Generating 2D drawings for production with GD&T.

VOLVO BUS (Mar 2015 to Aug 2019)

- ◆ Sub system and component level designing of BIW using CATIA V5.
- ◆ Good Knowledge in GD&T, DFMEA, DVP, QDCF.
- ◆ Interact with implementation / supplier / CAE group to optimize the BIW design.
- ◆ Solving Project and Factory Protus from Industry.
- ◆ Designing of CA (Customer Adaptation) activities.
 - Sleeper Shell B11R VL13.7 & VL14.5 (HANS & RAKESH SOOD)
 - B11R 14.5 Rear Toilet with rear Emergency Door (KSRTC).
 - B7R with Middle Door and Middle Toilet (India)
 - AIR INDIA SATS B8400 (B7RLE).
 - BMTC B8400 (B7RLE/B8RLE)
 - B8R / B11R sleeper shell.
- ◆ Cost Ratio

COMPANY#2

- ◆ Sub system and component level designing of BIW using CAD software like CATIA V5 & UG NX 9.0.
- ◆ Having Work experience in BIW design area, adequate knowledge of Sheet metal process and its assembly Procedures.
- ◆ Proficient in BIW design in surface/solid modeling and assembly design using CATIA V5 & UG NX 9.0.
- ◆ Having good communication skills and team work to interact with design, test and manufacturing engineers.
- ◆ Good Knowledge in GD&T, DFMEA, DVP.
- ◆ Interact with implementation / supplier / CAE group to optimize the BIW design.

COMPANY#3

Project Name: ALSTOM Corporation - TGV & VALENCIENNES

Position: Senior Design Engineer Tool : CATIA V5/V4

Work Description:

- ◆ Create the Sheet metal parts using Sheet Metal Design workbench from the given 2D drawings
- ◆ read the drawing notes and indication, if required, and implement those in the 3D model.
- ◆ Check the Part model against the supplied drawing for validation.
- ◆ Assemble the parts with constraints as per the given position dimensions in the drawings.
- ◆ Quality checking to be done for Drawing with respect to check list, Reference Drawing and with Q-Checker.
- ◆ Check for clash between parts during assembly.

PUBLICATIONS

- ◆ **Medium:** Evaluation metric for Supervised Learning | How to remove outliers | What is AUC-ROC Curve | What is Confusion matrix and EDA |

PROFESSIONAL EXPERIENCE

- ◆ Presently working as a Team Lead in **ASM Technologies**, 9th Mar 2015 to till date.
- ◆ Worked as a Manager in **Daimler India Commercial Vehicle Ltd**, from 19th Apr 2010 to 6th Mar 2015.
- ◆ Worked as a Sr Design Engineer in **Infotech Enterprises Ltd**, from 5th June 2006 to 25th Nov 2009.

EDUCATION

- ◆ Completed **ME CAD** from **Satyabhama Deemed University**, Chennai, Tamil Nādu, with 78.5% in 2005.
- ◆ Completed **B. Tech in Mechanical Engineering** from **Sri Venkateshwara Engineering College**, Chittoor, A.P, with 66.7% in 2003.
- ◆ Completed **INTERMEDIATE** from **Sri Venkateshwara Jr College**, Chittoor, A.P, with 69.3% in 1998.
- ◆ Completed **S.S.L.C** from **Bommasamudram Public School**, Chittoor, A.P, with 63.5% in 1996.

PERSONAL DETAILS:

Name	: A Suresh
Current Occupation	: Project Lead
Passport No. (Valid Up to)	: N1516679 (29/07/2025)
Father's Name	: A. Raghunatha Naidu
Date of Birth	: 16-06-1981
Gender	: Male
Nationality	: Indian
Marital Status	: Married
Languages Known	: Telugu, Tamil, and English
Interests	: Cricket, Tennis.

DECLARATION:

I hereby declare that all the above given information is true and correct to the best of my knowledge and belief.

Place:

Date:

Yours Sincerely,
(A.SURESH)
