




PERSONAL INFORMATION



VENKATA AKHIL BABU MALISETTY

 Via Rino Mandoli, 147/1B, 16139 GENOVA (GE)
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Gender Male | Date of birth Sep 4 1997 | Nationality India

WORK EXPERIENCE

Apr 2022 - Apr 2023

University Research Assistant

As a part of European project. In Horizon-2020 project SHOW, My Responsibility is to

1. Extensive research on last mile deliveries, supply chain analysis, Logistical operations.
2. Perform Logistical operations using 5 autonomous Droids in pedestrian areas of Trikala, Greece.
3. Extract the Data from Droids for KPI calculations.
4. Annalise data collected regarding droids autonomous movement, traffic flow, pedestrian interaction, user experience.
5. Documentation of day to day activates and coordinating work plan with project partners.
6. Data and KPI files transfer to project partners.
7. Service and maintenance of the Droids.

Universita' degli Studi di Genova - GENOVA (GE) Italy

Business or sector Engineering and design , logistics and transportation

Feb 2021 - Jul 2022

DIME Conical board member and student representative

As a 'Dipartimento di ingegneria meccanica, energetica, gestionale e dei trasporti(DIME)' Council member and as a Elected Student representative. Participated and assisted in planning process of Course curriculums, any legal or internal departmental issues faced by students.

Universita' degli Studi di Genova - GENOVA (GE) Italy

Business or sector Management , other services

Oct 2020 - Mar 2022

Administrative Tutor

Worked in the 'Settore Accoglienza Studenti Stranieri (SASS)' (Office for International Student Affairs).

Performed all administrative work for incoming and new students. Administrative work such as college admission process, visa documents, residence permit process, application process, etc.

Universita' degli Studi di Genova - GENOVA (GE) Italy

Business or sector Administrative , other services

Mar 2017 - Feb 2018

Mechanical Design Engineer

A group of 25 students are recruited from all the year of mechanical and automobile department to form a team called Stalwartz Racing team. This team participates in the national wide competition called BAJA SAEINDIA 2018. As a lead Automotive design and analysis engineer in the project team, my responsibility is to

1. Design an ATV with all the components by using Soliworks2017, Catia V5.
2. Structural and impact analysis on the frame of the ATV by Using Ansys workbench.
3. Design of Ergonomic panel aesthetics of the ATV body by using solidworks2017
4. Working simulation and load analysis of the transmission unit (engine, CVT and Gearbox) using Solidworks2017 and Ansys workbench.
5. CFD analysis of the ATV using Ansys fluid dynamic simulation software.
6. Converting 3D models into 2D models for manufacturing usages.
7. Overseeing Manufacturing and production process.

Stalwartz Racing/Hindustan University - CHENNAI India

Business or sector R&D and patents , recruitment and personnel selection

Mar 2016 - Feb 2017

Mechanical Engineer

A group of 25 students are recruited from all the year of mechanical and automobile department to form a team called Stalwartz Racing team. This team participates in the national wide competition called BAJA SAEINDIA 2017.As a Mechanical engineer in the project team, my responsibility is to

1. Assisted in Design of an ATV with all the components by using Solidworks2016, Catia V5.
 2. Designed a Gearbox for the ATV with 1:6 gear ratio with gross weight of 5.8kgs.
 3. Assisted in Structural and impact analysis on the frame of the ATV by Using Ansys workbench.
 4. Design of Ergonomic panel aesthetics of the ATV body by using solidworks2016
 5. Working simulation and load analysis of the transmission unit (engine, CVT and Gearbox) using Solidworks2016 and Ansys workbench.
 6. Performed in Manufacturing and production process of the ATV.
 7. Technical documentation, including 2D drafting, D-FMEA, Design Risk Assessment, and Purchase specification.
 8. Assisted in logistics operation planning.
- Stalwartz Racing/Hindustan University - CHENNAI India
Business or sector Quality and security , recruitment and personnel selection

Mar 2015 - Feb 2016

mechanical engineer

A group of 25 students are recruited from all the year of mechanical and automobile department to form a team called Stalwartz Racing team. This team participates in the national wide competition called BAJA SAEINDIA 2015. As a Mechanical engineer in the project team, my responsibility is to do

1. Extensive research on Types of Materials, Alloys, OEMS used in an ATV.
2. Extensive research on Transmission unit in ATV.
3. Extensive research on Frame, Design, Analysis, and fabrication of the ATV
4. Reading and preparing technical documentation, including 2D drafting, D-FMEA, Design Risk Assessment, and Purchase specification.

Stalwartz Racing/Hindustan University - CHENNAI India
Business or sector R&D and patents , recruitment and personnel selection

EDUCATION AND TRAINING

2019 - 2022

SAFETY ENGINEERING FOR TRANSPORT, LOGISTICS AND PRODUCTION

EQF level 7

Università degli Studi di GENOVA - Department of Mechanical, Power, Industrial and Transport Engineering
 2nd cycle degree/Master of Science (2 years)

2014 - 2018

Mechanical Engineering

EQF level 6

Hindustan University - Engineering
 1st cycle degree - Degree/Bachelor

PERSONAL SKILLS

Foreign language(s)

	UNDERSTANDING				SPEAKING				WRITING	
	Listening		Reading		Spoken interaction		Spoken production			
English	C2	Proficient	C2	Proficient	C2	Proficient	C2	Proficient	C1	Proficient
German	A1	Basic	A1	Basic	A1	Basic	A1	Basic	A1	Basic
Hindi	B2	Independent	B2	Independent	C1	Proficient	C1	Proficient	B2	Independent
Italian	A2	Basic	A2	Basic	A2	Basic	A2	Basic	A2	Basic
Tamil	B2	Independent	B2	Independent	C1	Proficient	C1	Proficient	B2	Independent
Telugu	C2	Proficient	C2	Proficient	C2	Proficient	C2	Proficient	C2	Proficient

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
 Common European Framework of Reference for Languages

Digital competences

SELF-ASSESSMENT				
INFORMATION PROCESSING	COMMUNICATION	CONTENT CREATION	SAFETY	PROBLEM SOLVING
-	-	-	-	-

Digital competences - Self-assessment grid

Basic digital competence:

OFFICE AUTOMATION

Office Suite: (Highly Specialised) | **Presentation Software:** (Highly Specialised) | **Spreadsheets:** (Highly Specialised) | **Web Browser:** (Highly Specialised) | **Word Processors:** (Highly Specialised)

APPLICATION SOFTWARE

CAD - Assisted Design: (Highly Specialised) | **Data Visualization:** MATLAB

COMPUTER PROGRAMMING

Programming languages: (Highly Specialised) | **Web Programming:** (Highly Specialised)

SYSTEMS AND NETWORKS MANAGEMENT

Network architecture: (Highly Specialised) | **Operating systems:** (Highly Specialised)

DATA MANAGEMENT

DBMS: (Highly Specialised)

GRAPHICS AND MULTIMEDIA

(Highly Specialised)

Driving licence B