

Atharva Muley

Forward-thinking professional offering more than 6 years of experience working in fast-paced technology environments. Passionate about driving technology improvements while managing costs to meet budget limitations.



Work History

2021-05 -
Current

Sr Engineer QA

*Electrodrive powertrain solution Pvt Ltd (ElectraEv),
Pune, Maharashtra*

- Adhered to timelines to meet quality assurance targets.
- Work in agile environment to design and develop commercial 4 wheeler TATA Tigore EV
- Controlled project costs by approving expenditures.
- Established and maintained productive working relationships with stakeholders.
- Coordinated engineering team for projects.
- Determined failure root cause and implemented solutions.
- Support service team for RCA and PCA
- Performed analysis on prototypes in development stage.
- Trained Jr engineers on Quality processes to streamline overall productivity and quality of vehicles.

2016-02 -
2021-04

Chief Technology Officer

*C.M.Overseas & Savy Electric Vehicle Pvt. Ltd,
Ahmedabad, Gujarat*

- [Http://www.cmoverseas.com/](http://www.cmoverseas.com/),
<http://savyelectric.in/>
- M.Overseas -Save Electric Vehicle is renowned manufacturer and supplier of premium quality range of Battery Operated Rickshaws, School Cart, Garbage Cart, Loading Cart, Electric Bikes and



Contact

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Skills

Production design

Excellent

Process development

Very Good

Project management
proficiency

Very Good

Electrical engineering

Good

Campus/Golf Car/Club Car

- Work in agile environment to design and develop commercial E-Rickshaw and E-cart
- Designed battery swapping infrastructure for better mileage and reduced charging time
- Development of lithium-ion battery,BMS (Exide, Australian Enegry,etc)
- Homologation for commercial Vehicle/Batteries /Components
- Work on Pre-testing for CMVR approval (ARAI TESTING)
- Designing and modeling for Electric 3-wheeler and 4-wheeler
- Vendor development for quality material procurement
- Setup after-sales service infrastructure
- Represented the company and its various products on platforms like CII, VIBRANT GUJARAT 2014

Schematics understanding



Mechanical engineering



2D and 3D modeling



2015-01 -
2016-01

Primary Developer and Project Lead

Prayag Engineering, Ahmedabad, Gujarat

- Prayag engineering is firm which deals with development for prototype for architects and automobile industries
- Interacting with client to understand product requirements and specifications
- Product Designing using AutoCAD drawing and modification tools
- Preparing M-code, G-code programs for CNC machines
- Operating CNC machine
- Inspection of end product to ensure quality targets
- Reviewed design requirements and identified appropriate materials to use in development of solutions. Prepared AutoCAD model, designed shaft and sleeve, and calculated values using design equations
- Used software like AutoCAD 2013, SolidWorks 2010 for designing

- Used Ansys 14 for analysis, Trainings and workshops
- Staff Management Budgeting



Education

2011-01 -
2015-01

B.E: Mechanical Engineering

Gujarat Technological University - Kalol, GJ



Accomplishments

- Proficiency Improvement Program (ARAI) Location: ARAI Forging Industry Division.
- Knowledge Gained: Electric Vehicle: Design, Validation and Certification.
- IN-Plant Training location: Bhushan Steels Ltd, Khopoli, Maharashtra
- Knowledge Gained :Learnt about machineries and got knowledge on various steel machining processes.
- In-plant Training Location,: Gallops Motor Pvt.Ltd,Chevrolet, S.G.Highway, Ahmedabad, Knowledge Gained: Car Assembly, trouble shooting in Chevrolet cars.



Affiliations

- +Member of SAE-INDIA(Society of Automotive Engineers)
- +Participated in BAJA SAE 2013(Came in top 50 teams of India) +Participated in BAJA SAE INDIA 2014(Got nominated for cost- efficient ATV)
- +Participated and won prizes in science exhibition at regional level. +Certificate of merit in communication skill level 2 by Gujarat Knowledge Society
- +Active participant in blood donation camps.