

Sunil Shankar Patil
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About:

- Mechanical engineer.works at electric vehicle industry.seeks opportunity to work with experienced people.

Experience:

Jr. Engineer. 1 jan 2017 - present

SwiftCurrent Technologies Pvt. Ltd. Kolhapur,Maharashtra.(Electric vehicle startup)

- **Development** of Transmission systems of 3 wheeler & 2 wheeler Electric conversion,Design and Build a prototype from scratch.. Evolving new methods to implement mechanisms .Design and development of Electric vehicle Test setup.
- Motor Testing and verifying specifications ,characterising motor with controller and analysing power curves with efficiency.modulation of test plan,Battery testing & analysing results by data.Finalising test routes for vehicles.
- **Maintenance** of electric vehicle,diagnosing faults,.creating maintenance procedures,maintaining statistical and financial records,responding to breakdowns.

Mechanical engineer. 01/2014 – 05/ 2016

Creative Engineering project works.

Projects Developed:

- Design and fabricate 100 cc rotavator
- smart reverse mode in four wheeler
- suspension integrated wheels.

Education

B.E in Mechanical Engineering 08/2012 -05/2015
University of Pune

Diploma in Mechanical Engineering 08/2009 – 05/2012
P.V.P.I.T Budhgaon, Sangli affiliated to M.S.B.T.E.

Graduation Project: 08/2014 - 04/2015

Two wheeler runs on Oxy-Hydrogen gas as fuel
Technology – Electrolysis process for Oxy-Hydrogen gas generation .

Achievements:

Ranked Fifth in Maharashtra at state level middle school scholarship in 2003.
Selected for Navodaya Vidyalaya in 2004.

Software Skills:

Solidworks- solidworks 3D modelling, Assembly.Basic simulation processes.

Strengths:

Ability to work independently..
High interest in Techno innovation.