



Shivatej Soma

Mechanical Engineer

To make use of my interdisciplinary skills to achieve organizations goals by embracing creativity and focusing on stakeholders satisfaction and experience

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Skills

Tools & Technologies:

CAD & Analysis

Solidworks

Sketchup

Ansys

Adobe Creative-cloud

Adobe Illustrator

Adobe InDesign

Adobe Photoshop

Web Tech

HTML

CSS

Sass

Jquery

Bootstrap

Django

Node.js

Programming

python

Java

JavaScript

GoLang

Dart

Other

IBM Watson

Electron js

Industry Knowledge:

Machine Learning

Project Planning

Other Skills:

Information Design

Creative Visualization

Languages

Telugu (Native or Bilingual)

English (full Professional)

Hindi (Professional working)

Certificates

Introduction to Flutter Development Using-Dart

Learn How To Code: Google's Go (golang)-Programming Language

Elements of AI by university of Helsinki

Social Psychology (with Honors)

Initiating and Planning Projects, Coursera

The Art of Negotiation, Coursera

The language of Design: Form and Meaning

UX Fundamentals from Gymnasium

Information Design and Visualization-

Fundamentals from Gymnasium

Matlab Onramp, Mathworks

Simulink Onramp, Mathworks

Python for Data Science, IBM

EDUCATION

2017 - 2021	Bachelor of Technology (Mechanical) Vellore Institute of Technology, Vellore	Current CGPA - 8.66
2017	Intermediate (MPC) Leela Junior College	Percentage - 94.8%
2015	Secondary School Certificate (SSC) St. peters central public school	Final GPA - 10

EXPERIENCE



Mechanical lead

Centre of Excellence for Autonomous Vehicles Research, ARC-VIT · Full-time

Aug 2019 – Present · 7 mos

Vellore Area, India



Internship Trainee

SMARTBRIDGE EDUCATIONAL SERVICES PRIVATE LIMITED · Internship

Jun 2019 – Aug 2019 · 3 mos

Hyderabad, Telangana, India



Core committee member

The Institution of Engineering and Technology (IET) - On Campus VIT

Dec 2017 – Apr 2019 · 1 yr 5 mos

Vellore Area, India

PROJECTS

1. Safe and Ideal Sensor Mounting for Autonomus Vehicle at ARC-VIT
2. Steering torque calculation for choosing Ideal motor for Electric tuk tuk
3. Automated Modular Breaking System
4. Detachable Powerbank Design
5. Laser Engraved texturing on rake surface of tool (Advanced Machining)
6. Timetable Sorter using Django and PosgreSQL
7. Manabadi TS-Inter 2017 rank finder using Python and Selenium (Web Scraping)

ACHIEVEMENTS

1. Secured 1st in Chemathon 3.0 (Design of specific water treatment plant)
2. Six Sigma Green Belt Certified
3. Youngest to compete in Dr APJ Abdul Kalam Regional Science-fair (Space Domain-2012)

ADDITIONAL

1. Secure and Private AI Scholarship Challenge from Facebook. (Udacity)
2. Coordinator, Technical United Conference 2018 (IET-VIT)
3. Manager, Technical United Conference 2019 (IET-VIT)
4. Manager, Hackoff 2019
5. Media Head, Hackoff 2020
6. Manager, Sangamam 2020 (Riviera)