

**« « ABOUT ME » »**

I'm a Mechanical Engineering Post Graduate with sound Domain Knowledge, Web Developing & Digital Designing Skills.

**« « CAREER OBJECTIVE » »**

To leverage my expertise in web development and digital design to deliver exceptional results to clients as a freelance professional.

**»»» STATUS**

As a freelance web developer and designer, I utilize a wide range of powerful tools to bring my clients' ideas to life. I am proficient in front-end technologies such as HTML5, CSS3, and Bootstrap, as well as JavaScript frameworks like ReactJS. Additionally, I leverage design software like Adobe Premiere Pro, Adobe InDesign & Adobe Illustrator to create Promo Videos, Brochures and Logos.

**»»» EXPERIENCE****Junior Research Fellow**

IIT Gandhinagar, 2018 - 2019

- » Developing codes for performing Molecular Dynamics Simulation using Open Source LAMMPS software and running Simulations in a High Performance Computer(HPC) using Linux Bash Shell Script.
- » Developing codes for performing Data Analysis and Interactive Data Visualization using Python Programming language.

**»»» EDUCATION****Master's Degree in Mechanical Engineering**

PEC, Puducherry, 2016 - 2018

- » Master Thesis: Multiscale Modeling of Species Transport
- » Tried to model a species transport phenomena across three different scales namely macro-scale, micro-scale and quantum-scale so thereby predict an accurate model for the phenomena using simulation based design.

**Bachelor's Degree in Mechanical Engineering**

UCEV, Villupuram, 2009 - 2013

- » Bachelor Thesis: Wear Studies on Cryogenically Treated AISI T42 High Speed Steel
- » Tried to study the influence of deep cryogenic treatment on properties like Hardness, Toughness and Wear Resistance in AISI T42 High Speed Steel

**»»» CERTIFICATIONS - COMPLETED****Python for Mechanical Engineers**

PEC Puducherry, 2018

- » To obtain programming experience for mechanical engineers using various python modules
- » Numpy, Scipy, Sympy, scikit-learn, Pandas, Plotly, Jupyter, bokeh and Tkinter.

**Meta Front-End Developer**

Coursera, 2023

- » Introduction to Front-End Development, Programming with JavaScript, Version Control
- » HTML and CSS in depth, React Basics, Advanced React, Principles of UX/UI Design
- » Front-End Developer Capstone & Coding Interview Preparation.

**»»» CERTIFICATIONS - ONGOING****Javascript Course**

Udemy, 2023

- » The Complete JavaScript Course 2023: From Zero to Expert! from Jonas Schmedtmann

**CONTACT**

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**PROGRAMMING SKILLS**

🐍 Python  
★★★★★★★★★☆☆☆☆  
📄 Shell  
★★★★★★★★★☆☆☆☆  
📄 JavaScript  
★★★★★★★★★☆☆☆☆

**WEB TECHNOLOGIES FRONTEND**

📄 HTML5 📄 CSS3  
📄 Bootstrap 📄 Javascript  
📄 ReactJS

**WEB TECHNOLOGIES BACKEND**

📄 nodeJs 📄 Django

**TOOLS**

📄 VS code 📄 Codepen 📄 Terminal

**PORTABILITY & DISTRIBUTION**

📄 Docker

**OPERATING SYSTEMS**

📄 Windows 11 📄 Ubuntu

**COPY EDITING SKILLS**

📄 Latex 📄 Jabref 📄 Adobe InDesign

**MY INFO**