



## BRIEF SUMMARY

Aiming to use my knowledge acquired from coursework and self-study. Keen interest in contributing to the success of software and product-based companies. Passionate learner.

## KEY EXPERTISE

HTML CSS Javascript ReactJS Vue.js Wordpress Python Flask SQL Three.js JQuery NodeJS MongoDB Express.js MERN API Testing(Postman) NextJs Apache Spark Hadoop Machine Learning PostgreSQL

## EDUCATION

<b>Institute of technology, Nirma University</b> M.Tech. - Computer Science & Engineering   CGPA: 8.60 / 10	2024 - 2026
<b>Sadar Vallabhbhai Patel Institute of Technology, Vasad</b> B.E. - Computer Science & Engineering - Computer Engineering (Full Time)   CGPA : 9.21 / 10	2020 - 2024
<b>Krishna Science School, Jamnagar, Jamnagar</b> 12 <sup>th</sup>   GSEB   Percentage: 74.92 / 100	2020
<b>Shree Gujarat Vidyut Board Vidhyalaya, Sikka, Jamnagar</b> 10 <sup>th</sup>   GSEB   Percentage: 90.83 / 100	2018

## INTERNSHIPS

<b>Mobilions Labs Pvt Ltd</b> Full Stack Developer  <b>Key Skills:</b> MERN  Built and maintained client projects using MongoDB, Express.js, React.js, and Node.js. Developed RESTful APIs and integrated frontend with backend services. Collaborated with clients and team members to deliver scalable web solutions.	05 Aug, 2025 - Present
<b>Vistanova Solutions Pvt Ltd</b>   Consultancy Software Engineer Intern  <b>Key Skills:</b> HTML Javascript Three.js ReactJS CSS Blender  During my internship at Vistanova Solutions Pvt Ltd, I worked on two major projects: a 3D Home Catalog and an Online Food Delivery System. For the 3D Home Catalog, I used Blender to create realistic 3D interior models and integrated them into a web interface using Three.js, enabling users to interactively view and customize home layouts directly in the browser. In the Online Food Delivery System project, I focused on frontend development using HTML, CSS, and JavaScript to build responsive user interfaces for features like restaurant listings, menu displays, and order placement flow. These projects enhanced my skills in 3D web visualization and frontend web development.	29 Jan, 2024 - 20 Apr, 2024
<b>QuantixTech Solution Pvt Ltd</b>   Consultancy Web Developer  <b>Key Skills:</b> Javascript CSS HTML5 WordPress  As a WordPress Developer Intern at Quantixtech Solution Pvt Ltd, I was responsible for designing and customizing responsive websites using WordPress, along with page builders like Elementor. I created and modified themes, managed plugins, and optimized website layouts to ensure cross-browser compatibility and mobile responsiveness	27 Jul, 2023 - 10 Aug, 2023

## PROJECTS

### Admin & Employee Dashboard for Task Tracking

**Key Skills:** MongoDB, NextJS, ReactJS, Express.js, Node.js

Developed a task tracking system where employees submit daily work reports, and admins assign tasks and monitor employee progress.

### Dating Places Discovery Platform

**Key Skills:** PostgreSQL, Node.js, NextJS, ReactJS, Postman, Prisma

Worked on a client-based internship project, developing backend APIs and admin dashboard features for a NYC-based dating places discovery platform, with database integration and role-based access control.

### Pothole Detection System

**Key Skills:** Machine Learning, Object detection, YOLO

Developed a pothole detection system using the YOLO object detection algorithm for real time identification.

### 3D Home Catalog Visualization

**Key Skills:** ReactJS, ThreeJS, Blender

Designed and Developed a 3D virtual home using ReactJS, ThreeJS and Blender .

### Machine Unlearning: Comparative Analysis of Algorithms (Ongoing)

**Key Skills:** Machine Learning, Machine Unlearning

Performed a comparative analysis of multiple machine unlearning algorithms on an image dataset, evaluating efficiency, accuracy, and impact on overall model performance as part of a research-based project.

## ASSESSMENTS / CERTIFICATIONS

### IBM Developers Skill Network

**Key Skills:** SQL, Databases

### Google Cloud Ready

**Key Skills:** Google Cloud Platform

### Deloitte Data Analytics Job Simulation

**Key Skills:** Tableau, Data Analytics

### Python Course for Beginners

**Key Skills:** python

### Application of Machine Learning and Deep Learning

**Key Skills:** Machine Learning, Deep Learning

## SEMINARS / TRAININGS / WORKSHOPS

### Application of Machine Learning and Deep Learning in various domains

**Institute Name:** Institute of Technology - Nirma University

**Key Skills:** Machine Learning, Deep Learning

## WEB LINKS

- o Github - <https://github.com/VermaMasum>
- o Other - <https://newest-updated-portfolio-masum.vercel.app/>

## PERSONAL DETAILS

**Gender:** Female

**Marital Status:** Single

**Current Address:** A-404 Dharti Saket, Opp.To Narayani Hills,  
Near Theatre Media Center New Ranip,Ahmedabad,  
Ahmedabad, Gujarat, India - 382470

**Emails:** 24mce025@nirmauni.ac.in , masum.verma17@gmail.com

**Date of Birth:** 17 Feb, 2003

**Known Languages:** English,Hindi,Gujarati

**Permanent Address:** 219/2 New Gsec Colony, Tps Sikka,  
Jamnagar, Jamnagar, Gujarat, India - 361141

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