



# VARIA DHRUV PRAFULBHAI

B.Tech. - CSE  
- PIET

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## BRIEF SUMMARY

Being enthusiastic Engineer in Computer Science & Engineering, looking for a competitive position, where my skills and knowledge optimize my competence, which fosters the growth of organization while being resourceful, flexible and innovative.

## KEY EXPERTISE

C/C++ Oracle Database MSSQL Android Development Android AOSP Custom Roms Flashing C# ASP.NET HTML5  
CSS Javascript JQuery

## EDUCATION

### Parul University

B.Tech. - CSE - PIET | CGPA: 8.10 / 10.00

2020 - 2024

### Polytechnic, The Maharaja Sayajirao University of Baroda, Vadodara

Diploma | Diploma - Mechanical Engineering - Mechanical Engineering | MSU | Percentage: 75.00 / 100.00

2021

### New Heaven Vidyalaya, Vadodara

10<sup>th</sup> | GSEB | Percentage: 81.00 / 100.00

2018

## AWARDS AND SCHOLARSHIPS

- Mukhyamantri Yuva Swavalamban Yojana
- Hon. Chief Minister Scholarship Scheme

## PROFESSIONAL EXPERIENCE

### Larsen and Toubro Heavy Engineering | Manufacturing / Core

04 Jun, 2021 - 01 Nov, 2021

Mechanical Supervisor

**Key Skills:** Work allocation Job Scheduling Welding Fabrication Engineering Drawings Supervision

Worked at Larsen & Toubro Heavy Engineer as supervisor - junior engineer trainee and gained knowledge and also i was able to known about corporate ethics, Work standards, Work allocation, Team Work, time management, job scheduling & Manufacturing / Fabrication work of Gasifier, Boiler, Heat Exchanger, etc..

## PROJECTS

### Property Tax Collection and Management Module for Vadodara Smart City – IDP Project

20 Dec, 2022 - 31 Oct, 2023

**Mentor:** Prof. Dheerajkumar Singh, Prof. Ankita Gadhi | **Team Size:** 4

**Key Skills:** Taxation Tax Oracle Database ASP.NET C# Mathematical Logic Webapp

**Objective :** Upgrade an outdated system with new technologies and provide security.

### Experimental Study of Belt Tension Measurement with salient wrap angles

01 Nov, 2020 - 30 May, 2021

**Team Size:** 4

- (1) to investigate the relationship between belt tensions, angle of wrap and coefficient of friction for Flat and V-belts,
- (2) to determine the effect of the angle of warp to the power that can be transmitted for belt drive mechanism,
- (3) to determine the effect of the belt tensions to the power that can be transmitted for belt drive mechanism, and
- (4) to compare the power transmission capability of flat and V-belt

## ASSESSMENTS / CERTIFICATIONS

### Road Traffic Data Analysis using Machine Learning Techniques

**Aggregate:** 74.0 / 100.0

Had a deep analysis and implementation of Machine learning to solve Road Traffic

### Designing Smart Traffic Surveillance System for reducing traffic congestion and road side accident mitigation

### Cloud Fundamental Duo Training AZ-900 & SC-900

**Key Skills:** Cloud Services

### Creating Responsive Web Pages using Bootstrap 4

**Key Skills:** Bootstrap HTML5 CSS Javascript

### Python Fundamentals

**Key Skills:** Python

## SEMINARS / TRAININGS / WORKSHOPS

### Road Traffic Data Analysis using Machine Learning Techniques

28 Jan, 2023 - 28 May, 2023

**Institute Name:** L&T S&L, NASSCOM, NIRVEDHA-Tech and Advanced Technology Institute, University of Surrey UK

## CO-CURRICULAR ACTIVITIES

- Solving HackerRank and Leetcode Problems
- C++ and DSA online course
- Personal Portfolio Building

## EXTRA CURRICULAR ACTIVITIES

- Flashing AOSP based Custom Firmware on Mobile Phone and tweaking of firmware
- Personal Computers Bulding and Repairs, providing Software Support

## PERSONAL INTERESTS / HOBBIES

- Personal Computers, Mobile Phones
- Gadgets
- Eager to know about new Technology and Inventions
- Photography
- Travelling

## WEB LINKS

- Github - <https://github.com/Dv1101>
- Other - <https://www.hackerrank.com/dhruvvaria1101>
- Personal - [https://www.instagram.com/droidtv\\_in/?hl=en](https://www.instagram.com/droidtv_in/?hl=en)
- Personal - [https://www.instagram.com/dv\\_inf.otech/?hl=en](https://www.instagram.com/dv_inf.otech/?hl=en)
- Personal - <https://dhruvvaria.azurewebsites.net/>

## PERSONAL DETAILS

**Gender:** Male

**Marital Status:** Single

**Current Address:** D/34, Yogiraj Township, Near Narayan School,  
Waghodia - Dabhoi Ring Road, Vadodara, Gujarat, India - 390025

**Emails:** 210303105821@paruluniversity.ac.in , dhruvvaria1101@gmail.com

**Date of Birth:** 12 Oct, 2002

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

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