**Jay Modi [Software Engineer]**

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**About**

I am a focused and enthusiastic computer engineering graduate, keen to learn new things. I have a balance between technical skills and soft skills. I have a keen interest in problem-solving and software development technologies. I assure to compound constant efforts to improve my skills and knowledge to contribute the best to the organization and society.

**Education**

**Government Engineering College, Gandhinagar** *[Gandhinagar,Gujarat*

B.E. in Computer Engineering *07/2019 to 05/2023]*

* I have maintained **8.40** CPI (till semester 7) || Served as a **Class Co-ordinator** for Second Year (2020 to 2021 academic year)

**Gayatri Vidhyalaya** *[Ahmedabad, Gujarat*

HSC Science with Percentile Rank: **95.47** , Percentages: **82.15** *06/2017 to 04/2019]*

**S.B.Vidhyalaya** *[Ahmedabad, Gujarat*

SSC with Percentile rank : **99.71** , Percentages : **91.5** *06/2016 to 04/2017]*

**Experience & Internships**

**Software Developer at TatvaSoft** *[01/2023 till present]*

* Developing Community Investment platform using **.NET Core MVC** and HTML , CSS , Bootstrap,Javascript,**Jquery**,AJAX
* Working on this project from scratch and developing whole project by self.|| Done **Database schema design** , whole **UI design** as well as **whole backend logic** of this web application by self. 🡪 [**See my work**](https://github.com/jaymodii/Tatvasoft.git)

**Python Developer Trainee at Zummit Infolabs** *[10/2022 – 01/2023]*

* Done backend development using **Python** in **Django** framework. || Debugging and enhancing already written Python code.

**Data Analyst and Machine Learning Intern** at **Infolabz IT Services** *[06/2022,Ahmedabad]*

* Extracting data from Web APIs and performing various techniques for analysis
* Handling excel file data and discovering key aspects || Visual representation of data.🡪 [**Source Files**](https://github.com/jaymodii/Building-blocks-of-Data-Science-and-Machine-Learning)  **||**  [**Internship Report**](https://github.com/jaymodii/Building-blocks-of-Data-Science-and-Machine-Learning/blob/main/Report%20File.pdf)

**Data Science Intern** at **VNurture Technologies** *[05/2022,Ahmedabad]*

* Basic programming using Python || File management || **Exploratory Data Analysis**.
* Performed various statistical techniques to extract meaningful insights 🡪 [**Analytical Report**](https://github.com/jaymodii/Exploratory-Data-Analysis-using-statistical-methods/blob/main/Full%20Data%20Analysis.pdf)

**Technical Skills**

* Programming languages :- **C#** , **Python** || Scripts:- HTML ,CSS, JS || Frameworks:- **Asp.Net MVC**,.Net Web API**,** Angular
* CS Concepts:**Data Structures and Algorithms** || OOPS concept || SQL || Probability and Statistics || DBMS || Compiler Design
* Basics of Data Science and Machine Learning ||**Data Analytics**||Discrete Mathematics|| Statistical Analysis || Data Visualisation

**Academic Projects**

* Loan Predictor model with amazing visualisations & Accuracy comparison of famous ML algorithms 🡪 [**Source Files**](https://github.com/jaymodii/Comparison-of-ML-algorithms)
* Tweets popularity analysis 🡪 [**Report**](https://github.com/jaymodii/Tweets-Popularity-Analysis/blob/main/Quick%20Report.pdf)|| [**Analysis source files**](https://github.com/jaymodii/Tweets-Popularity-Analysis/blob/main/Quick%20Report.pdf)
* Price prediction using **Linear Regression** model and fronted using **Django** framework. 🡪 [**Priceasy-The predictor**](https://github.com/jaymodii/priceasy26)
* A web platform named "E-waste" using HTML, CSS, JS, PHP and Mysqli . 🡪 [**E-waste Portal**](https://github.com/GEC-G/final-project-submission-e-waste_team28/blob/main/E-WASTE_WP_PROJECT.zip)
* Data visualization **dashboard** using HTML, JS and Fusion Charts. 🡪 [**Dashboard**](https://github.com/jaymodii/DASHBOARD) **||** [**Other Visualisations Practice**](https://github.com/GEC-G/dv-submisson-6-ce-2022-jaymodii)

**Achievements & Extra Curricular Activities**

* Qualified in GATE 2023 examination with **35** marks and **378/1000** gate score.
* Qualified in the" **Google Code Jam 2022**" with a **5258** rank and secured rank a **9494** in Round1B globally.
* Worked as a volunteer and presenter in "**Cyber Safety and Security Awareness Week**" organized under the collaboration of GTU, ISEA, Cyber-Dost and C-DAC. Taken **workshop** under that program at "S.M.T. S R Mehta ARTS & COMMERCE College".
* Have been participating as well as managing various type of events and meetings in **BAPS** organization.
* Got **95.79** PR in GUJCET and **92.33...** PR in JEE-Mains.
* Hobbies : playing **chess** & cricket, various type of strategy making activities, writing, mentoring, teaching.