OMKAR RATNAKAR DHADAM

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EDUCATION

- Vg. Vaze College of Arts, Science, Commerce, Mumbai University — **Jun 2025**
  BSc. Information Technology — **CGPA: 9.7**
  Mumbai, Maharashtra

ACADEMIC PROJECTS

- **Excel Sales Dashboard (Analysis and Insights using Excel) :**
  The goal of this project is to analyze sales data using Excel and build an interactive dashboard. The dashboard helps stakeholders (like managers or business owners) easily understand business performance by showing monthly sales trends, profit distribution across product categories, top and low-performing products, and sales by region. It also includes KPI cards that display key metrics such as total sales, profit, quantity sold, and number of orders. The dashboard is interactive and allows users to filter the data by product category using slicers for better analysis and insights.
  - **Power Query:** For importing and cleaning the dataset.
  - **Pivot Tables:** For summarizing and analyzing data.
  - **Pivot Charts:** Line Chart and Bar Chart for visualizing trends.
  - **Conditional Formatting:** To highlight key values in tables.
  - **Slicers:** For filtering data interactively by category.
  - **Excel Formulas:** used for KPIs and totals.

- **Preowned Cars and Bikes System :**
  Developed a Preowned Cars and Bikes System using **HTML5, CSS, JavaScript, Bootstrap, jQuery, AJAX, PHP, and MySQL** to simplify and enhance the process of buying and selling used vehicles. Designed a platform where sellers can create detailed listings with images, vehicle history, and pricing, while buyers can search with advanced filters and connect directly with sellers. The system featured modules for registration, vehicle ads, mechanic finder, search & filter, communication, and reviews/complaints. This project provided a user-friendly and transparent experience for both buyers and sellers, reducing dependency on traditional dealerships.

- **Grocery Billing System in Python :**
  Developed a Grocery Billing System using Python to simplify the process of grocery purchase and billing. The system displayed an available grocery menu, allowed users to select and add items into a cart, and provided a clear view of the selected items. At checkout, it generated a detailed bill with item names, quantities, and total cost, displayed directly on the console.

ACADEMIC ACHIEVEMENTS AND AWARDS

Awarded **First Prize** in Mini Avishkar **(State level Inter-University Research competitio**n). I secured 1st prize in the Mini Avishkar Competition for our project on Vertical Axis Wind Turbine (VAWT). The project focused on designing an efficient and low-cost turbine for low-wind areas, promoting renewable energy solutions.

SKILLS

- **Advanced Excel**
- **Power BI**
- **Power Query**
- **SQL**
- **Python**
- **Business Analysis**
- **Reporting**
- **Quality checks**
- **Good Communication**
- **Requirement Gathering**
- **Data Validation**