

## Jaswanth Budigi

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### Relevant Experience

#### Kent State University Culinary Services

##### Student Manager

Kent State University, Ohio

October 2023 - May 2025

Managed a team of 30-35 student workers per shift, ensuring efficient kitchen and dining operations. Trained new employees, delegated tasks, and maintained inventory to prevent service disruptions. Resolved customer concerns, enforced health and safety regulations, and assisted with scheduling to support a smooth dining experience.

### Technical Skills & Projects

**Programming:** POWER BI , TABLEAU , SQL , Python , Core JAVA , Supervised and Unsupervised Machine Learning models , Agile Development , Data Analysis.

#### Experimental Investigation on the shear strength of secondary bonded glass fiber composites (02/2022 – 06/2022)

- Fabricated composite materials by using Glass fibers and Silicon Carbide.
- Further, the fabricated laminate was cut into perfect dimensions for testing. After tests, it was found that the glass fiber had strong mechanical properties when a certain percentage of Silicon carbide was added to it, and that percentage is 1%.

#### Design and Fabrication of Frictional Energy Generation using Flywheel (08/2021 – 11/2021)

- Flywheel is a constant moving part in an automobile, so we are planning to connect a copper plate along with this flywheel and use the Faraday's Law, to generate e.m.f..
- This produced energy will be stored in a battery and can be used to provide energy for the vehicle whenever needed.

#### Zillow Home Price Prediction

- Develop predictive models using Zillow's dataset to estimate house prices accurately by identifying key influential features through regression and decision tree methods.

#### Predictive Analysis for Accident Frequent and Insurance Risk Assessment

- Developed a predictive model to classify individuals into high-risk and low-risk insurance categories using demographic and driving-related variables such as age, driving experience, vehicle type, and past violations.
- Aimed to estimate accident occurrence levels (none, few, many), support insurance risk assessment, and guide targeted intervention programs to promote safer driving behavior.

### Education

#### Kent State University

Master of Business Analytics, GPA: 3.7 /4.0

Relevant Coursework: Data Visualization , Data Analytics , SQL , Database Management.

Kent, Ohio

May 2025

#### Vel Tech University

Bachelor of Technology (B.Tech) in Mechanical Engineering , GPA : 9/10

Relevant Coursework: IC Engines , Strength of materials , Engineering Mechanics , Design Thinking.

Tamil Nadu, India

June 2022

### Certifications

1. CADD Centre Training Services
2. Software Testing at QSpider's