**Education**

**BMS Institute of Technology and Management, Bangalore August 2019 – July 2023**

**Bachelor of Engineering – Artificial Intelligence & Machine Learning**

**Courses:** Data Structure and Algorithm, Operating Systems, Database Management Systems, Computer Networks, Advanced Algorithms, Unix System Programming, Cryptography & Network Security, Machine Learning, NoSQL Databases.

**PROJECTS**

PROJECTS SMART TRAFFIC LIGHT SYSTEM May 2022-July 2022

• We used digital image processing and in this we use edge detection

• In this system we judge traffic density to appoint time for red and green lights accordingly. More time for more traffic density lanes.

BANGLORE REAL ESTATE PRICE PREDICTION Oct 2021-Dec 2021

• It is a Machine learning project that is used to predict real estate price in various parts of Bangalore

• Performed various data cleaning operations and then applied Linear Regression model and got accuracy of 86%

SALES INSIGHT USING POWER BI May 2021-Aug 2021

• Used Power BI tool to analyze the global superstore dataset.

• Transformed the data with the help of power query editor.

• Create a dashboard that displayed different aspects of data.

PG SELECTION LITE Oct 2022-Dec 2022

• Designed a web site for finding PGs in selected areas. (Suitable for bachelors)

• For structuring the web page used HTML5 and for styling used CSS3 with Bootstrap.

• Used JS for making the site responsive and stored the collection and managed it using SQL.

BRAIN TUMOR IMAGE SEGMENTATION USING DEEP LEARNING Mar 2023-Jun 2023

• As each brain imaging modality gives unique and key details related to each part of the tumor, many recent

approaches used four modalities T1, T1c, T2, and FLAIR.

• We have used the BRATS 2018 dataset for our project.

• The method we achieved can state-of-the-art results and can address this problem better than other methods

**SKILLS**

**LANGUAGES:** Python, PHP, C, C++, Java, JavaScript

**DATABASES**: SQL, MongoDB,

**TOOLS:** Git, Android Studio, Core Studio, Anaconda, Power BI, MySQL, Jupiter Notebook, XAMPP, MS Tools

**MACHINE LEARNING:** Computer Vision, TensorFlow, OpenCV, Natural Language Processing

**WEB DEVELOPMENT:** MongoDB, express JS, React, Node JS, HTML

**INTERNSHIP**

**Exposys Data Labs (Role; Data Science Intern)** Feb 2023 - Mar 2023

During my internship, I focused on developing regression models using Python's scikit-learn library. I worked on predictive analytics, including Linear Regression, Support Vector Regression, Decision Tree Regression, and Random Forest Regression. I also used Google Collab for collaborative development.