# Mayank Vishal



## **ACADEMIC PROFILE**

PGDM – Business Analytics	6.8 CGPA	Jagdish Sheth School of Management (JAGSoM),Bengaluru	2025
<b>B.Tech-Electronics and Telecommunication</b>	69.50 %	KIIT University, Bhubaneswar	2019
Class XII (CBSE)	68.60 %	Indian Public School, Purnia	2015
Class X (CBSE)	85.50 %	SR DAV Public School, Purnia	2012

## **AREAS OF STUDY**

Business Requirements Analysis, Data Visualization, Project Management, Database Management System, Business Forecasting, Big Data & Cloud Computing, Unstructured Data Analytics, Data Pre-processing, AI Applications in Business, Deep Learning with Python, Introduction to AI and Machine Learning

WORK EXPERIENCE(S)	2 Year 1 Months	
SS Rail Works Private Limited, Hyderabad	Service Engineer	Mar 2020 – Mar 2022

SS Rail Works Private Limited, Hyderabad

- Train Control Systems: Expertise in Westinghouse Train Radio Advanced Control Equipment and Siemens Electronic Interlocking for Indian Railways.
- **Design and Troubleshooting:** Skilled in control table and panel layout design with PCGE tools and troubleshooting EI and SSI systems.
- **Technical Support:** Proficient in FAT, testing support, and maintenance of advanced interlocking systems
- System Optimization: Experienced in optimizing and enhancing performance of Solid-State Interlocking systems for greater operational • efficiency.
- **Project Management:** Adept at managing complex projects, ensuring timely delivery and integration of advanced control systems into ٠ railway operations.

INTERNSHIP(S)		11 Months
KPMG	Virtual Internship	Jun 2023 –Apr 2024

#### **KPMG** ٠

- **Designation**: Virtual Internship
- Summary: Developed strategies for targeting high-value customers using demographic and behavioral data. Created interactive dashboards for data visualization to support client decision-making.

## ACADEMIC PROJECT(S)

Image Recognition Using OpenCV and Machine Learning

- Image Preprocessing: Use OpenCV to resize, convert to grayscale, and normalize images from a dataset to prepare them for the recognition process.
- Feature Extraction: Apply OpenCV techniques like edge detection or use raw pixel data to extract meaningful features from the images for classification.
- **Model Training and Prediction:** Train a machine learning model (e.g., SVM or CNN) using the extracted features, then use the model to classify and predict the categories of new images.

### Life Expectancy Prediction Model Objectives

- Analyze Key Factors: The project aims to comprehensively examine how health, economic, social, and environmental indicators influence • life expectancy, revealing patterns that affect longevity across various populations.
- **Predict Life Expectancy:** By employing statistical and machine learning techniques, the project seeks to develop accurate predictive models that estimate life expectancy based on identified factors, guiding interventions and policies.
- Identify Critical Variables: The focus is on pinpointing the most significant variables impacting life expectancy, providing valuable insights to inform effective public health policies and initiatives.
- **Improve Decision-Making:** The project aims to deliver actionable insights that enhance healthcare planning and resource allocation, ultimately striving to improve population longevity and health outcomes.

### Stock Price Prediction using ML Model

- **Machine Learning Project**: Developed a project in Jupyter Notebook to predict Reliance stock prices using linear regression.
- Data Preprocessing and Model Training: Involved in data preprocessing, model training, and evaluation to ensure accurate predictions.
- **Predictive Analytics:** Demonstrated practical application of predictive analytics in financial markets by forecasting future stock movements based on historical data.

## CERTIFICATIONS

Fundamentals of Business Analysis SQL for Data Science

Creating Dashboards and Storytelling with Tableau		Ucdavis (Coursera)	2024	
Excel Skills for Business: Advanced		Macquarie University (Coursera)	2023	
CBAP Certified		Koed	2024	
POSITIONS OF RES	PONSIBILITY			
JAGSoM, Bengaluru	<ul> <li>Committee Member – Admission</li> <li>Outreach Initiatives: Led</li> <li>Admissions Process Managements</li> <li>Seamless selection process</li> </ul>	on Committee targeted campaigns to boost program visibility and attract to nagement: Streamlined application evaluations and coordin s.	<b>2023 - 2025</b> op candidates. nated interviews for a	
ACCOMPLISHMENT	S			
Competitions and Activities	<ul> <li>Participated in the RSNA 2 creating models for diagno</li> <li>Engaged in developing pr</li> </ul>	2024 Lumbar Spine Degenerative Classification competition on Kaggle, focusing on nosing degenerative spine conditions using lumbar spine MR images. predictive models to simulate radiologist performance in classifying spinal condition.		
SKILLS	SQL, Python, Excel, Tableau, CB	AP Certified, MATLAB, Machine Learning, AI, Deep Learning, F	Power BI, Generative AI	

#### **JAGSoM Placement Season 2023-2025**