

# Saubhagya Bishwanath

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## PROFILE SUMMARY

AI, Data Analyst and Machine Learning enthusiast with hands-on experience in real-time ML applications, web development, data structures, and data analytics. Proficient in Python, JavaScript, and Power BI. Successfully delivered projects across tech and business domains, including drowsiness detection, adaptive learning, and tourism data analysis. Well-versed in financial modeling and private equity concepts. Currently expanding into finance and business-focused roles, leveraging technical expertise to drive data-driven decision-making and strategic insights.

## EDUCATION

### VIT Bhopal University

Integrated M.Tech in Artificial Intelligence  
Cumulative CGPA: 7.61

Expected June 2026  
Bhopal, Madhya Pradesh

## TECHNICAL PROJECTS

### Drowsiness Detection System ([GitHub](#)) | Python, CNN, Machine Learning

- Developed a real-time drowsiness detection system using Python, OpenCV, Haar cascades, and a CNN to enhance driver safety.
- Implemented facial and eye detection from live webcam feed and trained a CNN to classify eye states with high precision.
- Achieved **92.25%** accuracy; integrated audio alerts and packaged the solution for collaboration and deployment.

### Adaptive Learning Platform ([GitHub](#)) | MERN Stack

- Collaborated with a multidisciplinary team to build an AI-powered learning platform tailored to individual student needs.
- Implemented interactive modules, assessments, and collaborative projects to enhance problem-solving and workforce readiness.
- Integrated AI and Natural Language Processing (NLP) models to support multi-language accessibility, eliminating language barriers for diverse learners.

### SmashStream ([GitHub](#)) | Javascript, HTML5, Node.JS, Express.JS, CSS

- Developed a responsive movie streaming web application utilizing Node.JS, Express.JS, HTML5, CSS3, and JavaScript to deliver seamless, subscription-free streaming.
- Engineered a custom Node.JS backend to efficiently serve video content, reducing load times compared to standard streaming methods.
- Implemented interactive front-end features such as theme toggle, carousel, and player controls using JavaScript.

## CERTIFICATIONS

### IBM

Jan 2025 – Apr 2025

#### Blockchain Developer

- Mastered blockchain fundamentals, consensus algorithms, and enterprise solutions like IBM Hyperledger.
- Developed Node.js web applications, demonstrating proficiency in server-side JavaScript and asynchronous programming.
- Analyzed Bitcoin and Ethereum's technical and economic models to understand public blockchain systems.

### Finlatics

Sep 2023 – Nov 2023

#### Business Analytics

- Analyzed state-wise tourism data using Excel and Power BI to identify optimal hotel investment locations based on tourist influx, population, and climate.
- Cleaned datasets, removed outliers, and used pivot tables to reveal trends across climate zones.
- Built interactive Power BI dashboards to assess customer behavior and tourism metrics.
- Identified Meghalaya as a high-potential investment hub with **524.8%** tourism growth, supported by visual insights and forecasts.

### Finlatics

Feb 2023 – May 2023

#### Financial Analyst - Investment Banking

- Conducted equity research and valuation for engineering firms, including HAL and Cochin Shipyard.
- Gained private equity experience through projects on founder profiling, convertible notes, CLV/CAC modeling, and fund structuring.
- Demonstrated strong analytical and financial modeling skills; scored 86.81% in final performance evaluation.

## SKILLS AND TECHNOLOGIES

**Programming Languages:** Python, Java, Javascript

**Framework & Tools:** NodeJS, ExpressJS, VS Code, Docker, React, RESTfulAPI, AWS

**Databases:** MySQL, MongoDB

**Markup:** HTML5, CSS3

**Data Analysis & Visualization:** Excel, Power BI

**Soft Skills:** Problem-solving, Team collaboration, Technical documentation

**AI/ML:** TensorFlow, Pandas, Keras, Seaborn, OpenCV, CNN, PyTorch, Machine Learning & Statistical Modeling