BHOPAL P

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📍 BENGALURU

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in Bhopal P

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📅 2003/12/25

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Profile

As an AI Engineering student at Visvesvaraya Technological University and Cambridge Institute of Technology, I am passionate about applying artificial intelligence to solve real-world challenges and create positive social impact. I expect to graduate in August 2025 with a Bachelor of Engineering in Artificial Intelligence.

Through various internships and programs, I have gained valuable experience and skills in data analysis, product design, and market research. Most recently, I completed the DISQ Aspire Program at Digital Impact Square, a TCS Foundation Initiative, where I learned how to develop and innovate new products and solutions. I also worked as a Data Analyst Intern at YBI Foundation, using Python and Tableau to perform data analysis and visualization. Additionally, I am an incubator at Cambrian House of Student Startup (CHOSS).

Education

2021 – 2025 Bengaluru	**BE in ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING** *Cambridge Institute Of Technology*

Skills

Data Annotation
Proficient in data annotation techniques such as bounding box, polygon, semantic segmentation, and keypoint annotation.
Understanding of the importance of data quality in training machine learning models and its impact on model performance.

Power BI
Proficiency in creating visually appealing and insightful dashboards and reports using Power BI's drag-and-drop interface. Ability to effectively use various visualization types such as bar charts, line graphs, scatter plots, maps, and slicers to present data in a clear and understandable manner.

Python Programming
Proficient in Python programming language, with experience in both Python 2 and Python 3. Demonstrated ability to write clean, efficient, and well-documented Python code for data analysis, manipulation, and visualization tasks. Experienced in utilizing popular Python libraries and frameworks such as Pandas, NumPy and Matplotlib for data manipulation, numerical computation, and data visualization.

Professional Experience

2024/06 – Present BENGALURU	**RESEARCH AND DEVELOPMENT INTERN** *SAMSUNG R&D BENGALURU* Currently working on real-world problems on the Generative AI
2023/11 – 2023/11 Remote	**DATA ANALYST INTERN** *YBI FOUNDATION* • Conducted data cleaning and preprocessing tasks to ensure accuracy and consistency of datasets. • Utilized statistical methods and machine learning algorithms to analyze data and generate predictive models for business forecasting.

- Assisted in developing and implementing data visualization techniques using tools such as Tableau and Power BI to communicate insights to stakeholders.

| 2023/05 – 2023/06 | **DATA ANNOTATOR INTERN** |
| BENGALURU | |

SAMSUNG SEED

Accurately labeled data points, ensuring high-quality annotations to support machine learning model training.

Conducted regular quality checks on annotated data to identify and rectify errors or inconsistencies.

Adapted quickly to new tools and technologies used for annotation tasks, such as annotation software or project management platforms.

Projects

| 2024/06 – Present | **Generative AI** |

Building a Platform Agnostic Model

Currently working on the generative AI to build the platform agnostic like Stable Swarm UI, comfy UI, Automatic11111 model with image quality.

| 2023/11 – 2023/11 | **Servo Prediction** |

The Servo Performance Prediction project aims to develop a machine learning model capable of accurately predicting the performance of servo systems based on various input parameters. Servo systems are critical components in various industries, including robotics, manufacturing, and aerospace, where precise control and accuracy are essential for optimal performance.