TEJAS M BHARADWAJ

| tejasmb2003@gmail.com | +91 7411 934 625 | linkedin.com/in/tejas-m-bharadwaj-17103b27aa |

SUMMARY

As a final-year CSE student, I'm focused on leveraging my knowledge and skills to make significant contributions in the field of advanced technologies.

EDUCATION

BE in Computer Science & Engineering   **CGPa - 7.5***   **May 2025***
Visvesvaraya Technological University (VTU)
Jyothy Institute of Technology, India
<u>Undergrad Coursework</u>: Computer Science

12th Grade   **Percentage: 70**   **June 2021**
Deeksha PU College, India
<u>Pre-university Coursework</u>: PCMC

TECHNICAL SKILLS

Programming Languages: Python, HTML, CSS
Technologies: Visual Studio Code, Google Colab
Operating systems: Windows, Mac
Live Skills: Leadership, Teamwork, Communication, Adaptability

INTERNSHIP

Researcher Intern, Centre for Incubation, Innovation, Research, and Consultancy (CIIRC), India   **Sep - Jan 2025**
- Conducted remote sensing analysis to track seasonal variations in urbanization and water bodies using satellite imagery.
- Evaluated potability parameters and correlated findings with ground data for validation.
- Applied geospatial techniques to assess environmental changes and their potential impacts.

TestAIng, India   **Nov - Dec 2024**

- Developed a regression model on sports financial datasets, performed bias detection and mitigation using the AIF360 library, and implemented datasets through a classification pipeline in Python.

ACADEMIC PROJECTS

Placement Assistance Platform,   **June - July 2024**

- Implemented using HTML, CSS and PHP to track placement activities and workshops.
- Facilitates tracking of placement activities, workshops, and other related events.

Unauthorized Construction Detection System,   **Feb 2025**

- Developed an alert system using OpenCV, Streamlit, and remote sensing techniques to analyze changes in buffer zones.
- Implemented automated email and Telegram alerts for detected unauthorized constructions, integrating APIs for real-time notifications.

Detection of Brain Diseases Using Deep Learning Models,   **March 2025***
- Developed a deep learning-based system to detect multiple brain diseases using 4-5 pre-trained models for comparative analysis. Used Python for model training and analysis of MRI/CT images.
- Implemented a web interface with HTML and CSS and integrated a chatbot for user interaction.

CERTIFICATION

- Basics of Python, Infosys SpringBoard, India
- Web Development with React.JS, Devtown, India
- Crash Course on Python, Coursera, India
- CSS Bootcamp, CodeKaro, India

WORKSHOP

PYTHON PROGRAMMING   **July 2022**
Successfully completed a 3-day workshop on Python Programming organized
by Jyothy Institute of Technology's Skill Labin association with Tequed Labs
where they were introduced to live projects & coding standards in Python development.

POWER BI   **Nov 2024**
The workshop on Power BI covered the basics of using the tool for data analysis and
visualization. As part of the workshop, a project was created focusing on analyzing the
Flipkart Sales Analytics Dashboard involving data visualizations and insights from sales data.

PUBLICATIONS

Multilabel Remote Sensing Image Classification Using Deep Learning Model   **(In Progress)**
The project uses MobileNet, DenseNet121, VGG16, VGG19, NASNetLarge, and InceptionV3 for land use
classification on the UCMerced dataset, applying SMOTE and K-Fold cross-validation. A comparative analysis
was done based on accuracy, precision, recall, and F1-score.

OTHER ACTIVITIES

- Participated in a national-level hackathon organized by NSS in Mysore.
- Participated in an intercollegiate-level gameathon.
- Actively participated in diverse cultural events, showcasing creativity and teamwork.
- I have represented my college as a cricket player in university-level tournaments, showcasing leadership, teamwork, and sportsmanship
- Volunteered for college-level events such as hackathons, gameathons, & other events.
- Participated at International Programmer's Day and Project Exhibition.