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**BHARATH. M**

**Objectives:**

As a passionate Information Science student with strong foundations in Python, data structures, and AI/ML, I am excited to apply my skills to IBM Research India's projects. I'm driven to tackle real-world challenges and learn from IBM’s innovative teams.

**Education:**

Pre-Graduation: Visvesvaraya Technological University, Belagavi.

* Maharaja Institute of Technology Mysuru.

(December 2021 – August 2025)

* Course: Information Science & Engineering.
* Current CGPA: **7.1** as yet 6th semester.

Pre-University: Department of Pre-University Education, Karnataka.

* Alva’s P.U College, Moodabidri, Dakshina Kannada.

(April 2019 – July 2021)

* Percentage obtained: **89.5%**

SSLC: Karnataka School Examination and Assessment Board.

* S.V.E.I High School, Mysuru. (March-2019)
* Percentage obtained: **85.6%**

**Courses & Certifications:**

* Technical Workshop on Data Science, E-CELL IIT Madras (March 2024)
* Data Analysis using R, Ethno-tech Academic Solutions

(August 2023)

* Communication & Soft Skills, Overview of AI, NPTEL

(October 2023)

**Skills:**

* **Programming Languages:** Python, Java, C
* **AI/ML Fundamentals:** Supervised/unsupervised learning, regression, classification, neural networks, clustering
* **Data Analysis Tools:** Pandas, NumPy, R
* **Frameworks:** TensorFlow, PyTorch, Git, Visual Studio Code, Jupyter Notebook
* **Containerization:** Docker, Kubernetes (basic knowledge), OpenShift (familiarity)
* **Other Skills:** Data Structures, Algorithms, Problem Solving, Probability, Linear Algebra, Statistics

**Relevant Experience & Projects:**

**[Project] NeuroPrePro: Automated Neuroimaging Preprocessing Pipeline for ABIDE II MRI Data  
*Personal Project | January – March 2024***

Description:

* Developed a Python-based pipeline to streamline neuroimaging MRI preprocessing, reducing processing time by 30%.
* Leveraged Pandas and NumPy for efficient data handling, with iterative development in Jupyter Notebook.
* Applied data structures, linear algebra, and AI/ML preparation techniques, significantly enhancing the accuracy and speed of data processing for research analysis.
* Tools &Technologies: Python, Pandas, NumPy, Jupyter Notebook, Git, VS Code
* **Key Achievements:** Improved data handling efficiency, automated repetitive tasks, and laid a foundation for scalable AI model training on processed data.

**[Internship] Web Development Intern – Microtree Tech Solutions Pvt. Ltd.**  
*October – December 2023*

* Designed and implemented responsive, client-facing web pages using **HTML5**, **CSS3**, and **Bootstrap**, improving user engagement by 20%.
* Collaborated in agile development teams, applying version control with **Git** and managing iterative updates in **VS Code** to ensure streamlined project delivery.
* Strengthened problem-solving skills through debugging and optimizing code, developing strong collaboration skills in a cross-functional team setting.

**Additional Highlights:**

* Familiar with basic application deployment using Docker and Kubernetes, with a beginner's understanding of container orchestration concepts in cloud environments.
* Developed introductory skills on foundational models and large language model concepts through coursework and independent study.