Varun Bharadwaj

Phone: India: +91 9481512364

Email: varunbharadwaj00@gmail.com

LinkedIn: https://www.linkedin.com/in/bhrdwjvarun/

Objective

To add maximum value to the organisation I work for and gain valuable insight and experience in the industry. Also, make substantially positive contributions towards the growth of an organisation with my knowledge and dedication towards work. I also have a passion to code and work on cutting edge technologies in the software industry.

Education

Visvesvaraya Technological University (VTU)   Bengaluru, India
Bachelor of Engineering, Computer Science; CGPA: 8.3/10   2018-2022

Experience

Alvolved Technologies   Bengaluru, India
Deep Learning Intern   March 2021 - Present
  - Worked on projects such as Real-time Helmet Detection for Bengaluru Traffic Police and Human Pose Detection to calculate the parameters required for GAIT Analysis.
  - Hands on experience in training models and making predictions on custom data.
  - Worked on frameworks such as Pytorch, YOLOv5, Keras and Tensorflow.

Stige   Remote
Data Analyst Intern   May 2021 - June 2021
  - Learnt SQL in depth while working on advanced topics like window functions
  - Learnt to visualise real time data using Matplotlib,Seaborn
  - Performed day to day operations on data such as Data Cleaning and EDA

Sparks Foundation   Remote
Data Science and Business Analyst   April 2021
  - Implemented ML algorithms on real world data to make predictions and building models
  - Learnt to perform EDA on data using Tableau

Projects

- **COVISCAN (Web App)** Link
  Input a chest xray and our app will show the infected areas using a heatmap with the help of machine learning.
  Learned to embed a Machine Learning Model into a Web Application using Flask and deploy it on a live server.

- **Dog Breed Identifier (Deep Learning Model)**
  This is a deep learning model which takes a photo image of a dog as an input, and outputs the breed of the dog and the accuracy with the help of TensorFlow and ImageNet.
  Learned to make predictions using classes of images.

- **Sentiment Analysis (ML Model)**
  This is a machine learning model which takes a sentence as the input and predicts the sentiment (positive / negative) of the person writing that sentence using neural networks.

Programming Skills

Languages	Python, C/C++, Java, Dart
Machine Learning	TensorFlow, PyTorch, Pandas, Scikit-Learn, Matplotlib, NumPy
App Development	Flutter
Web Development	HTML5, CSS3, JavaScript, Flask
Database	SQL
Linux	Terminal Commands

Additional Details

- Proficient in English, Kannada, Hindi and Telugu.
- Strong work ethics, extremely organised, attention to detail, driven by challenge, change and success, devoted to innovation, problem solver, committed to quality, adaptable/flexible, and strong sense of self-motivation.

Relevant Coursework

Data Structures and Applications	Discrete Mathematical Structures
Design and Analysis of Algorithms	Artificial Intelligence
Database Management Systems	Data Mining and Data Warehousing
Computer Networks	Engineering Mathematics I - IV

Online Courses (MOOCs)

- Udemy - Natural Language Processing
- Udemy - SQL
- Udemy - AWS Associate*
- SoloLearn - Python for Data Science
- SoloLearn - Machine Learning*

  * indicates ongoing courses