

Bharathan Dileep Kumar

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SUMMARY

Highly motivated and skilled Web Developer with a solid foundation in software development, Proficient in React, Node, Angular, Python and various web technologies. Seeking a challenging role to deliver dynamic and responsive web applications.

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Python, C++, SQL, MATLAB

Deep Learning Frameworks: TensorFlow, PyTorch, Keras, Caffe

Libraries & Tools: NumPy, Pandas, Scikit-learn, OpenCV, NLTK, Git, Docker

EXPERIENCE

AI Research Intern

DeepMind

June 2022 – Aug 2022

London, UK

- Conducted research on reinforcement learning algorithms for robotics
- Implemented and evaluated deep RL models using PyTorch and RLlib
- Presented findings at weekly research meetings

Machine Learning Engineer

Acme AI Solutions

Jan 2021 – May 2022

San Francisco, CA

- Developed and deployed machine learning models for various industries
- Optimized model performance and ensured data quality
- Collaborated with cross-functional teams to deliver AI solutions
- Built a RESTful API for sentiment analysis of text data
- Implemented pre-trained transformer models using Hugging Face
- Deployed the API on a cloud platform for easy integration

PROJECTS

Image Captioning System

Deep Learning Project

Jan 2023 – Present

Python, TensorFlow, OpenCV

- Developed an end-to-end system for generating descriptive captions for images
- Utilized CNN and LSTM models for image feature extraction and caption generation
- Achieved state-of-the-art performance on the COCO dataset

Sentiment Analysis API

Natural Language Processing

Aug 2022 – Dec 2022

Python, Flask, NLTK, Hugging Face

EDUCATION

Stanford University

M.S. in Computer Science, Artificial Intelligence

Stanford, CA

Aug 2019 – May 2021

University of California, Berkeley

B.S. in Electrical Engineering and Computer Science

Berkeley, CA

Aug 2015 – May 2019

CERTIFICATIONS

- AWS Certified Machine Learning - Specialty
- TensorFlow Developer Certificate