Balam Ruchith Balaji

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🔗 Portfolio in LinkedIn ○ Github

A fresher who wishes to equip myself with skills and seeking entry level position. Skilled in rapidly learning new technologies. Motivated and diligent Artificial Intelligence Engineering student seeking opportunities to apply theoretical knowledge and practical skills in professional environment.

PROFESSIONAL EXPERIENCE

Data Analytics and Visualization Job, *Accenture*
- Completed a virtual focused on advising a social media client as a Data Analyst at Accenture.
- Cleaned, modelled and analyzed 7 datasets to uncover insights into trends to inform strategic decisions.

Software Engineer Virtual Experience,
J.P. Morgan
- Set up a local dev environment by downloading the necessary files, tools and dependencies.
- Fixed broken files in the repository to make web application output correctly.
- Used JPMorgan Chase's Perspective to create a live graph for real-time data visualization.

Data Science Job, *British Airways*
- Completed a virtual focussing on how data science is a critical component of British Airways success.
- Scraped customer reviews and built a predictive model to identify key factors influencing buying behavior

CERTIFICATES

- Walmart USA Advanced Software Engineering Completion Certificate 🔗
- AWS Cloud Certification 🔗
- Responsive Web Development 🔗

EDUCATION

Amrita Vishwa Vidyapeetham, *B.Tech*
09/2021 – present | Bengaluru, India
CGPA - 8.2/10.0

Bhashyam Educational Institutions,
Intermediate Education
05/2019 – 05/2021 | Guntur, India
Score - 973/1000

Bhashyam Public School, *Secondary Education*
07/2018 – 04/2019 | Dharmavaram, India
CGPA - 10.0/10.0

PROJECTS

Reinforcement Learning based agent for Space Invaders, *Course Project* 🔗
- Built an RL agent for Space Invaders using DQN and PPO, achieving a high score of 175 points.
- Skilled gained - Python, TensorFlow, PyTorch, RL.

Tomato Leaf Disease Detection using Deep Learning, *Course Project* 🔗
- Created a CNN model for tomato leaf disease classification using TensorFlow and Keras.
- Processed and analyzed images to predict plant health.
- Skills Gained - Deep Learning, Data Handling.

Login System with Face Recognition,
Self Project 🔗
- Built a face recognition login system.
- Designed a responsive web interface with HTML, CSS, and JavaScript.
- Skills gained - HTML, CSS, JavaScript, Flask.

All Projects 🔗

SKILLS

Languages — Proficient
C++, Java, Python, OOPS, Data Structures - Advanced

Full Stack Development — Proficient
HTML, CSS, JavaScript, NodeJs, ReactJs, AngularJs, JQuery, Mongodb, SQL, Git and Github

Artificial Intelligence and Data Science — Expert
Machine Learning, Deep Learning, Natural Language Processing, Reinforcement Learning, Python Libraries, Pandas, Numpy, Scikit-learn, Matplotlib, Keras, Seaborn, PyTorch.

Soft Skills — Expert
Verbal and Written Communication Skills, Problem Solving, Analytical Skills