DEVA SUNDER S J

Date of Birth: 05/11/2002
Contact Address: S8, Jains West Hills, Sowripalayam road, Coimbatore - 641028

✉ devasunder64@gmail.com   📞 +91-9489518555   ⦿ Github/DevaSunder

CAREER OBJECTIVE

Aspiring Machine Learning/AI Engineer with a passion for developing innovative AI solutions. Dedicated to continuous learning and staying at the forefront of ML/AI advancements, I am committed to contributing my technical expertise to the success of a forward-thinking organization. Eager to collaborate with like-minded professionals and utilize my skills to drive transformative change through data-driven solutions.

EDUCATION

- **B Tech in Computer Science and Engineering,**   **2020 – 2024**
  Amrita School of Computing, Amrita Vishwa Vidyapeetham, Coimbatore
  CGPA: 8.32/10 (up to 6th Sem)
- **AISSCE (12th Std)**   **2020**
  Stream: Computer Science stream
  Suguna PIPS School (CBSE), Coimbatore
  Marks/Percentage: 436/500 (87.2%)
- **AISSCE (10th Std)**   **2018**
  Gedee Public School, Coimbatore
  Marks/Percentage: 417/500 (83.4%)

TECHNICAL SKILLS

Deep Learning Frameworks: Tensorflow, PyTorch, Keras
Languages: Python, Java, C and C++.
Domains: Machine learning, Deep Learning, Recommeder Systems, optimization using evolutionary algorithms, Neural Collaborative Filtering(NCF), Neural Architectural Search (NAS)

PROJECTS

- **Movie Recommender System**   **Mar 2023 to June 2023**
  Tools or techniques used: Pytorch, Python, Pandas, NumPy, Flask, Neural Collaborative Filtering
  Outcome: Achieved high accuracy and precision metrics leveraging deep neural networks and user-item interaction data. Potential to improve user satisfaction, increase customer loyalty, and drive revenue.
- **OD ML and CL Management System**   **Sept 2022 to Jan 2023**
  Tools or techniques used: HTML5, CSS3, JS, ReactJS, MongoDB Atlas, NoSQL, ExpressJS, NodeJS, Jira, Selenium, SonarQube, Figma, GitHub.
  Role: Developed- Collaborated on frontend development and integration in a MERN stack for the webpage.
- **Smart Argicultural Insurance**   **Apr 2022 to July 2022**
  Outcome: Implemented sensor-based crop monitoring system using AWS (Sagemaker) to validate agricultural insurance claims. Utilized data from rain, DHT11, temperature, humidity, and soil moisture sensors, employing autoencoder-based anomaly detection to ensure claim accuracy and prevent fraudulent practices.

EXTRACURRICULAR ACTIVITIES

1. **Musicial Instruments (Keyboard):** Skilled keyboard player with over 6 years of experience performing in school bands and music groups. Completed certification program in keyboard through Trinity College London.
2. **Contribution towards tech**: Passionate about Custom ROMs, GPUs (Graphical Processing Units), Technology, Games and have been contributing to various communities (XDA Forums).

LANGUAGE PROFICIENCY

Tamil (Native), English (Professional), Hindi (Conversational)