UDARA BANDARA

AI/ML INTERN

CONTACT

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💼 Personal Portfolio

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

- C
- Python
- Java
- Prolog

AI/ML TECHNOLOGIES

- NLP
  spaCy
  Transformers
- ML

WEB DEVELOPMENT

- HTML
- React
- FastAPI
- CSS
- JavaScript

DATABASE MANAGEMENT

- MongoDB
- MySQL

ABOUT ME

I'm an enthusiastic AI/IT undergraduate with a passion for technology and innovation. As a fast learner and ambitious problem solver, I thrive on tackling new challenges and adapting to changing environments. My strong foundation in computer science, coupled with my creativity, drives me to find innovative solutions. I love turning complex problems into simple, effective results, and I am excited to bring my skills and energy to new opportunities.

EDUCATION

University of Moratuwa (2022-2026)
Faculty of Information Technology
- B.Sc. (Hons) in Artificial Intelligence (Expecting in 2026)
  Current GPA- 3.65

Devi Balika Vidyalaya Colombo 08 (2011-2020)
- G.C.E Ordinary Level (2017) : 9 A's
- G.C.E Advanced Level (2020):
  Combined Mathematics- A
  Physical Science- B
  ICT- A
  Z-Score: 2.0124

PROJECTS

Intelligent Human Capital Management System
(Mentored by IFS)
2nd Year Software Project (Group)

Through this project we introduced some intelligent features to the existing Human Capital Management (HCM) System used in IFS utilizing four AI models.
Key Enhancements:
- Chatbot: to streamline the communication between employees and HR.
- CV parsing and matching model: using NLP techniques such as spaCy, Gensim and Sentence Transformers to automate initial candidate screening and interview scheduling.
- Leave prediction system: to make the operations efficient.
- Compensation and benefits management system.

Technologies: React, MongoDB, FastAPI, NLP
Role: Full-Stack developer, Created an AI model for CV parsing

Automated Key Management System
1st Year Hardware Project (Group)

An embedded system for securely store and manage the usage of keys in the institutes where multiple keys are operated.

Technologies: IoT, Arduino, C, PHP, MySQL
Role: IoT Developer

VERSION CONTROL

- GitHub

PROJECT MANAGEMENT TOOLS

- ClickUp

OTHER

- Data Structures and Algorithms
- Object Oriented Concepts

CERTIFICATIONS

- Basics of Data Science by UniAthena in partnership with Cambridge International Qualifications, UK.
- Python for Beginners by University of Moratuwa

INTERPERSONAL SKILLS

- Project Management
- Public Relations
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

INTERESTS

- Digital Marketing
- AI related to business
- Web development
- Aesthetics

LANGUAGES

- English (Fluent)
- Sinhala (Fluent)

Stumblepanni- A web application to uplift tourism in Sri Lanka
(Group project)

Stumblepanni is an innovative web application designed to enhance and uplift tourism in Sri Lanka by offering a seamless, culturally immersive travel planning experience. The platform is tailored for both seasoned and first-time travelers, combining visa application related processes along with cultural richness to create a unique travel journey.

Key Features:
- **Trip Planning:** Users can book accommodations, transportation, and activities with customizable travel itineraries.
- **Visa Application:** Simplified visa application process with document submission, payment, and tracking.
- **Local Guide Integration:** Virtual guides offer personalized recommendations and insights on lesser-known destinations.
- **Visa Officer Dashboard:** Integrated dashboard for visa officers to manage and process applications efficiently.

Technologies: React Native, MongoDB, FastAPI, RAG, ML
Role: Full-Stack developer

EXTRA-CURRICULAR ACTIVITIES

Society Participation

School
- Member, IT Society
- Member, English Literary Association
- Secretary, Quality Control Circle

University
- Director, Public Relations in E-Sports Community
- Member, Roteract Club
- Member, IEEE

Sports

- Badminton

REFERENCE

DR. (Mrs) A.T.P Silva- Senior Lecturer
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University of Moratuwa
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