

MACKLIN ENICO SALEX

Dedicated and highly motivated B.Tech graduate in Artificial Intelligence and Data Science with a strong foundation in AI and data science principles. Completed internships in AI and IoT gaining hands-on experience in developing innovative solutions.

EDUCATION

B.Tech Artificial Intelligence and Data Science (CGPA - 9.25)
ANAND INSTITUTE OF HIGHER TECHNOLOGY 2021 - 2025

EXPERIENCE

Internship in AI & IOT - Arul Technologies

May 2023 - Jun 2023

- My internship topics includes IOT solution contribution, sensor integration, prototyping, edge computing exploration etc.
- Implemented IOT solutions using Arduino Microcontrollers and sensos through Blynk platform.
- Simulated and prototyped Arduino circuits with Tinker card for efficient testing, collaborated on deploying AI algorithms for IOT data processing.

PROJECTS

Question Generator using Gen AI ([link](#))

- Gen AI - lemma is used
- PHP, phpMyAdmin for Database
- Python for AI integration
- HTML, CSS, JavaScript, Bootstrap, jQuery for Frontend
- PHP, Python for Backend groq API lemma is used

Green Grocery – Connecting farmers with local markets ([link](#))

- Tech stack - MERN
- Google Translation API – Multilanguage support
- Payment method - Razorpay

Android Playstore Analysis using Machine Learning ([link](#))

- Python | Data Science | Matplotlib | Seaborn

In this project data form the Android Play store was analyzed using machine learning algorithms such as regression, clustering, classification to analyze the data.

AI based smart parking system

- Augumented Reality for immersive navigation.
- AI and Machine Learning: Reinforcement Learning for dynamic parking allocation (TensorFlow, PyTorch).
- License Plate Recognition: OpenCV for automated entry/exit.
- Cloud and Mapping: Google Maps API for geolocation and AWS for data storage.

CONTACT

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SKILLS

Technical Skills

- Java
- Python
- HTML
- **CSS**
- Javascript
- UI & UX - Figma
- Blender - 3D Modelling
- Oracle - SQL

ACHIEVEMENTS

- Winner - Hackathon by KLA Developed "Illustrn", a website using AR (Meta) via QR codes for interactive virtual education with integrated assessments.

- Winner – Hexaware Mavericks Code & Rise, Automated Question builder application using Gen AI.

PUBLICATIONS

- Deepfake Detection Technology Presented a thesis on detecting deepfake content using LSTM, CNN, and RNN to analyze frame-level inconsistencies.

Proposed a proactive approach to prevent fraudulent uploads on social media platforms.

LINK

[LinkedIn](#)

[GitHub](#)

CERTIFICATIONS

- Secured merit ranks in academic
- Certified on Real time implementation of AI & IOT.
- Certified on Blockchain -Naan Mudhalvan.
 - Certified distinction in typewriting (English)