

# Edwin Joel P

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## PROFILE

Skilled machine learning specialist and data analyst with a focus on teamwork and leadership. Experienced in building and improving ML models and analyzing data to find useful insights. Experienced in training teams on data tools and creating high-performing work environments.

## SKILLS & ABILITIES

**Programming Language:** Python, JavaScript, HTML, CSS, SQL, React Js

**Frameworks/Libraries:** NumPy, Pandas, Matplotlib, RAG and Flask

**Tools:** Power BI, Git/GitHub, Excel, Tableau, Figma, Adobe XD, Adobe Photoshop, Power Point, VS Code

**Database:** MongoDB

**Soft Skills:** Analytical Thinking

## PROJECTS

**DEEP SIGHT:** (Nov 2024)

As deep learning expertise, developed model for detecting the realistic in the uploaded media and providing cyber supports to victim.

**Technologies:** CNN, LSTM, RNN, HTML, JAVASCRIPT, CSS, Flask

**TIMETABLE GENERATION:** (In Progress)

In Progress As the machine learning engineer and GenAI techie, I Used large language models like OpenAI and Gemini 1.5 flash to generate timetable based on the constraints given.

**Technologies:** GenAI, React Js, Python, MongoDB, GitHub

**VISION X:** (Sep – Oct 2024)

Developed the Vision X website, to monitor the hardware compatibility, system notifications and geographical location using IOT for blind people.

**Technologies:** HTML, CSS, JAVASCRIPT, ML, IOT

**AQUACULTURE SENSOR MONITORING FOR FISH CARE:** (Dec 2023 – Jan 2024)

In aquaculture, enabled sensors to monitor parameters like temperature, pH, and pollution to prevent diseases and injuries. Developed the website and IOT to overview the parameters.

**Technologies:** HTML, CSS, JAVASCRIPT, IOT, ML

## POSITIONS WORK

- Tech Meraki 2024 Event coordinate in our college symposium
- Graphics Designer in AWS Cloud Club, UG Madurai

## BADGES

- LEETCODE | INTRO TO PANDAS (Oct 2024)
- IBM | PYTHON FOR DATA SCIENCE (Sep 2023)
- AWS | CLOUD PRACTITIONER (Dec 2024)

## EDUCATION

- **PSNA College Of Engineering and Technology** (2022-2026)  
3rd Year B.Tech. Artificial Intelligence and Data Science  
CGPA: 7.6
- **Holy Cross Matriculation School, Vakkampatti, Dindigul** (HSC) (May 2022)  
Percentage: 79%
- **Holy Cross Matriculation School, Vakkampatti, Dindigul** (SSLC) (May 2020)  
Percentage: 76%

## INTERNSHIP

- **Data Science** Aug 2023 - Oct 2023 (2 months)  
Acmegrade, Virtual Internship
- **Web Development** Feb 2024 - Mar 2024 (1 months)  
Octanet, Virtual Internship