

Abdulrahman Adil, Full Time – Available Immediately

Mechatronics Engineer | Saudi Premium Resident | ☎ +966-55-055-6447 | ✉ sabdulrahman.adil@gmail.com |

🔗 linktr.ee/Abdulrahman.Adil

👤 Profile

I'm a dedicated **Mechatronics Engineer** with a focus on **Robotics** and **Automation**. Hands-on experience with **ROS2**, **ESP32**, and **SOLIDWORKS** through rapid prototyping and internship roles. Some **Robotics Projects** I've worked on are **Robodog**, **Drone Box**, **WALL-E bot** and a **Non-Invasive Wildlife Management UGV**. I'm a resident of **Riyadh, Saudi Arabia** with a **Premium Resident Iqama**.

Languages

Arabic – Intermediate

English – Native Speaker

Urdu – Native Speaker

🎓 Education

Bachelors in Mechatronics Engineering, Asia Pacific University, Kuala Lumpur
September 2021 — September 2025

Skills

ROS/ROS2

ESP 32

Arduino

SOLIDWORKS

3D Printing

ABB Robot Arm

Python

C-programming

MATLAB

Multisim

LTSpice

LabView

💼 Employment History

(4 months field experience)

Intern, CREDIT Lab, Asia Pacific University, Kuala Lumpur
June 2024 — September 2024

- **Designed** and **3D printed** a **Drone Box dropping mechanism**.
- Contributed to **Malaysia's First Dingo Robodog** with **ROS**.
- Developed a **WALL-E** inspired scuttle bot.
- Contributed to **SIET** editorial work.

Senior Engineering Technical Assistant, Asia Pacific University, Kuala Lumpur
December 2024 – April 2025

- **Promoted** to **Lead Operations** during supervisor absences while maintaining all previous technical and organizational duties.
- **Retained** all **Core Responsibilities** of the **Engineering Technical Assistant** role (see below)

Engineering Technical Assistant, Asia Pacific University, Kuala Lumpur
September 2023 — December 2024

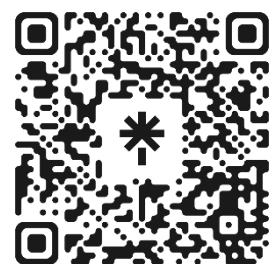
- Provided **Technical** and **Organizational Support**, ensuring seamless accessibility of class equipment for lecturers.
- Validated the functionality of **50+ Multimeters** monthly.
- Offered **16+ hours** of **Technical Support** to peers per month.
- **Designed** replacement parts for tools and machinery using **SOLIDWORKS**.

Tutor, Online

September 2020 — May 2024

- **Tutored** Form 4 Math, Sciences, and Python
- Provided **Academic Support** and **Peer Mentorship**.

Additional Information



Reference

Prof Ir Ts Dr Vinesh Thiruchelvam,
Chief Innovation & Enterprise
Officer,
Asia Pacific University of
Technology & Innovation,
APIIT Education Group,
Email: dr.vinesh@apu.edu.my