

# YASRIZAL HAKIM

COMPUTER SCIENCE STUDENT | UTEM



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Seri Hartamas, Wilayah  
Persekutuan Kuala Lumpur.

## PROFILE

Passionate Computer Science student at UTeM specializing in Software Development. Strong creative and analytical skills, team-oriented, and dedicated to delivering quality work.

## SKILLS

- Fluent in English (Muet Band 4) and Malay
- Java, JavaScript, Python, C, HTML, CSS
- React.js, Android (Java), Capacitor
- Firebase (Firestore, Realtime DB, Auth)
- Arduino, ESP32, MQTT, REST API
- Circuit soldering, wiring, IoT integration
- Strong problem-solving and debugging skills

## EXPERIENCE

### SENIOR ASSISTANT, ROBOTICS CLUB SMK SERI HARTAMAS — 2017 – 2019

- Helped organize weekly club sessions by managing electronic components and supporting student teams
- Represented the club in the 2018 NRC inter-school competition, demonstrating teamwork and initiative

### PARTICIPANT, INOTEK COMPETITION UTEM — 2022

- Designed an IoT system to detect gas, fire, and temperature using Proteus, Multisim, and Arduino IDE
- Awarded Bronze for innovation, showcasing creativity, technical skills, and attention to detail

### TESTING ENGINEER INTERNSHIP INARI AMERTON PLANT 13 — 2022 – 2023

- Conduct daily testing, calibration, and basic maintenance on manufacturing machines to ensure smooth operations
- Work closely with engineers to troubleshoot issues, improving efficiency and technical problem-solving

### PARTICIPANT, UTEM WORKSHOP 2 COMPETITION UTEM — 2023

- Developed a system integrating IoT with web and mobile apps for real-time energy monitoring and control
- Won 2nd Place, demonstrating teamwork, system design skills, and effective project execution

## EDUCATION

**UNIVERSITI TEKNIKAL MALAYSIA  
MELAKA (UTEM)**  
BACHELOR OF COMPUTER SCIENCE  
(SOFTWARE DEVELOPMENT)  
2023 – PRESENT

- Current CGPA: 3.52

**UNIVERSITI TEKNIKAL MALAYSIA  
MELAKA (UTEM)**  
DIPLOMA IN COMPUTER AND  
ELECTRONIC ENGINEERING  
2019 – 2023

- CGPA: 3.54

**SMK SERI HARTAMAS**  
SPM – SUB-SCIENCE STREAM  
2014 – 2019