

# DAVID EDWARDS

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## ASSOCIATE APPLICATION DEVELOPER

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### CONTACT

davidedward2001@gmail.  
com

### ADDRESS

XS Real La Celeste.  
1st Main Road,  
Gurusawmy Nagar,  
Ramya Nagar,  
Madhanandapuram,  
Chennai-600125

### SKILLS

Dart  
Python  
HTML  
Flutter

### LANGUAGES

English  
Tamil

### PROFILE

Flutter developer passionate about simplifying complex tasks and crafting visually appealing mobile experiences. I build user-friendly applications that showcase your brand's essence. Enthusiastic about web development too, focusing on user experience and visual appeal. Eager to collaborate and build something extraordinary.

### EDUCATION

Perusing M.Tech in Computer Science and  
Engineering(Weekend classes)  
SRM UNIVERSITY

#### **Year of Post Graduation: Expected 2026**

B.E COMPUTER SCIENCE AND ENGINEERING – 7.66  
EASWARI ENGINEERING COLLEGE  
**2019-2023**

HIGHER SECONDARY CERTIFICATE – 59.1

HOLY CROSS MATRICULATION HIGHER SECONDARY SCHOOOL  
**2018 – 2019**

SECONDARY SCHOOL CERTIFICATE - 69.4

HOLY CROSS MATRICULATION HIGHER SECONDARY SCHOOOL  
**2016 – 2017**

### EXPERIENCE

GREENOCEAN RESEARCH LABS PVT LTD  
Associate Application Developer

**14 SEPTEMBER 2023 – 13 SEPTEMBER 2024**

- Developed a Flutter application for a Bluetooth medical device with capabilities to monitor:

- Blood pressure
- Blood sugar
- SpO2
- Temperature
- Stethoscope audio
- ECG

- Implemented data transmission and audio recording/playback features.

- Enabled ECG graph plotting for monitoring.

- Enhanced healthcare provider capabilities and patient accessibility to health data through the app.

ITERON AG

Intern

**15 OCTOBER 2021 – 15 FEBRUARY 2022**

- Led a project on "Solar Panel Work Area Simulation".
- Utilized Python for project implementation.
- Integrated rooftop data with Google Maps.
- Identified rooftop corners for optimal solar panel placement.
- Detected obstacles to ensure efficient solar panel installation.

## **PROJECTS**

EXERCISE MONITORING SYSTEM FOR KNEE OSTEOARTHRITIS  
PATIENTS

**2022-2023**

- Developed an activity monitoring system for knee osteoarthritis patients using gyroscope sensors and ARDUINO.
- Captured shank movements for data processing and exercise classification.
- Implemented a system to identify incorrect movements, ensuring safe home rehabilitation.
- Integrated APR voice module for real-time feedback, enhancing exercise accuracy and effectiveness.