DAVID EDWARD S

ASSOCIATE APPLICATION DEVELOPER

CONTACT

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ADDRESS

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Gurusawmy Nagar,
Ramya Nagar,
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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.