

# THARUN M

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## OBJECTIVE

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Aspiring software developer eager to apply strong programming skills and academic training in development to contribute to a dynamic team in creating innovative software solutions.

## EDUCATION

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**B.Tech Information Technology** , Vel Tech Multi Tech College of Engineering

2020-2024

**State Board of TamilNadu Education 12th (TNSB)** ,RPC Matriculation Higher Secondary

April 2020

**Central Board of Secondary Education 10th (AISSE)** , SRDK Vivekananda Vidyalaya

April 2018

## SKILLS

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**Languages** Java, SQL, HTML, CSS, JavaScript,Excel.

**Frameworks** Laravel, React.

**Tools** Git, Github, MongoDB, MySQL, StarUML, Oracle, Adobe, Filmora.

**Soft Skills** Time Management, Teamwork, Communication, Problem Solving, Accountability,

## PROJECTS

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### Mediware

[GitHub](#)

- Developed a government hospital website to showcase medical schemes and camps.
- Utilized Laravel templates for website framework.
- Customized templates and managed database using PHP and Sublime Text.
- Implemented website to enhance public awareness of government medical initiatives.

### Real-Time ECG Analysis and Classification System

[GitHub](#)

- Developed real-time ECG analysis system for early cardiac anomaly detection.
- Utilized IoT technology with ESP32 microcontroller and AD8232 sensor for accurate signal acquisition.
- Implemented MATLAB/Simulink for signal preprocessing and deep learning algorithms for ECG classification.
- Enabled seamless integration with Ubidots cloud server for storage and visualization of analysis results.

## EXTRA-CURRICULAR ACTIVITIES

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- National player and also Certified yoga instructor by ministry of Ayush.
- Won 2nd place in National level Technical Symposium (Techcrescenza).
- Participation of ASIAN BOOK OF RECORDS ATTEMPT(yoga challenge event).

## ACADEMIC ACHIEVEMENTS

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- **Certification in NPTEL course on Data Structure And Algorithms Using Java.** October 2023
- **Selected in Foundation for Advancement of Education and Research (FAER).** December 2023
- **Won 2nd Place in Internal Smart Hackathon 2023.** October 2023