



# SACHINTHA LAKSHAN

Software Engineer



No: 13/3, Pilanduwa,  
Temple road, Warakapola.



sachintha96



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SachinthaLakshan

## TECHNICAL SKILLS

- **Languages:**  
JAVA | JS | TS | HTML | CSS | MYSQL DART | C | C++
- **Software Testing / Automation:**  
Selenium | cypress
- **Version Control:**  
Github
- **Frameworks / Libraries:**  
React | React native | Ionic | Flutter
- **Cloud Service:**  
AWS ( RDS | Lambda | AppSync | Amplify | Cognito )
- **Database:**  
MySQL | DynamoDB | Firebase | Aurora serverless
- **IOT:**  
Arduino | MQTT | Adafruit | Raspberry Pi

## PROFESSIONAL QUALIFICATIONS

- React & React native front-end developer with typescript
- Back-end developer with graphql / serverless
- Web automation tester with cypress
- IOT developer
- Angular front-end developer

## NON-RELATED REFERENCES

- Prf . Ravimal Bandara  
Department of Computer Science,  
University of Sri Jayewardenepura,  
Phone: [+94] 77 378 9547
- Mrs. Shyamali Rathnakumari  
Assistant Manager,  
Sri Lanka Red Cross Society,  
National Headquarters,  
106, Dharmapala Mawatha,  
Colombo 07  
Phone: [+94] 70 375 4275

## WORK EXPERIENCE

### Software Engineer (full stack)



2021/09 – current  
Insteller Pvt Ltd – 127/1 Dolagawatta, Mampitiya

#### Project : GameIT 365

- GameIT is a R&D project. It's developing for gamers & streamers.
- Tech stack - MARN
- My contribution - Single & Team Chat  
- Notification system  
- Global Search system

### Trainee Software Engineer



2021/01 – 2021/07 | 06 months  
99x – No.65, Walukarama Rd, Colombo 3.

#### Project : GymAcess

- GymAcess is a powerful cloud-based gym security system comprises with a mobile app and a web dashboard.
- Here I used react native & react with typescript and serverless architecture.

## PROJECTS

- **Self-Controller for Mushroom Cultivation 2017**
  - IOT category
  - IOT based product
  - Awarded Silver Medal in "Sahasak Nipeum 2018"
  - Patent No : LK/P/20185 (in process)
- **Robot for Save medical Staff**
  - Arduino based Bluetooth control self navigate robot.  
(For prevention to covid-19 pandemic)
  - Video [link](#)
- **Smart water meter (University project)**
  - Arduino based group project.
  - Project proposal [link](#)
  - An embedded system that use to measure water Quality, Volume & generate bill in domestic environment
- **Self eco tester**
  - Arduino based Real-time Vehicle emission Testing system
  - Project proposal [link](#)
  - Group project
- **Mood Based Entertainment System**
  - An AI system that uses to identify the human moods & play suitable music. (React JS/Face-API)  
project [link](#)
- **New dimension of Smart Home Application**
  - Group project
  - Arduino based project with cloud storage
  - Smart home category
  - Project proposal [link](#)

## ACADEMIC QUALIFICATIONS

- **University of Sri Jayewardenepura, Sri Lanka**  
B.Sc. Physical Science ICT.
- **KG/ Dudley Senanayake Central Collage (OL/AL)**