

Srilakshman Karthikeyan

EDUCATION

- 2020-2024** **Amity University, Dubai**
Bachelors of Technology in Computer Science Engineering (expected 2024)
- 2020** **Our Own Indian Highschool, Dubai**
Highschool Diploma

PROFESSIONAL EXPERIENCE

- Sept 2021 – Aug 2023** **GameVan Dubai**
- Assisted on site with hardware troubleshooting with different equipments
 - Gained experience with working with people from different fields, attending meetings and understanding client needs.

PROJECTS AND DISSERTATIONS

- Dec 2023** **Smart Water Meter**
- Built a Smart Water meter to measure the daily water usage and send the usage reports to user.
 - The device used a flow sensor to measure the water usage and Arduino to send the data to server.
 - App was developed using React native.
 - For the backend server, It was built using expressJs.
 - And hosted it on AWS using EC2 and RDS.
- April 2023** **Sports and Equipment Management Mobile Application**
- Built a mobile application to rent out a business's equipment and sports facilities.
 - App was developed using React native.
 - For the backend server, It was built using expressJs.
 - And hosted it on AWS using EC2, RDS, and S3.
- April 2023** **Prediction using machine learning algorithms**
- A PBL where we implemented various machine learning algorithms to give predictions on the data given.
 - The dataset used was mobile phone specifications to predict the price of phones.
- Dec 2022** **Algorithm analysis using R programming**
- PBL where we analyzed the performance of the knapsack problem using R programming.
 - Tested the performance of 0/1 knapsack and fractional knapsack in different conditions
- Dec 2021** **Virtual Reality and Augmented Reality in Healthcare: Research Paper**
- The paper was a research done on Virtual Reality and Augmented Reality
 - And their uses in the healthcare field
- Dec 2021** **Library Management System**
- Implemented library manage system for our PBL (Project based learning) in java and concepts of object-oriented programming



CONTACT DETAILS

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PERSONAL DETAILS

Nationality: Indian
Date of Birth: 29/Aug/2002
Driving license: Dubai

LANGUAGES

English: fluent
Tamil: Beginner
Hindi: Beginner

COMPUTER SKILLS

Programming languages worked with:
C, C++, C#, Python, Java, JavaScript, R

Framework / Tools worked with:

React, React Native, Express, Git, MYSQL, HTML, CSS, Unity, Android Studio, AWS

Interpersonal Skills

Good Communication Skills
Decision Making
Problem Solving