



# Siddharth Nair

## Software Developer

An upcoming graduate computer science graduate looking to join the workforce to gain real-world experience with experiences in the field of Software Engineering, Machine Learning and AI and Data Science. Dependable and reliable, ready to learn and grow with your company.

## Contact

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## Links

### LinkedIn

<https://www.linkedin.com/in/siddharth-suresh-nair-a664b521a/>

### GitHub

<https://github.com/Sidsuresh>

## Languages

English - Natively Proficient

Malayalam - Natively Proficient

Spanish - Beginner

## Experience

### Jan 2022 - Present

IO21 Dubai

#### Software Development Intern

- Flutter Developer for a mobile university application.
- The Backend development using ASP DOTNET Web API.
- Quality Assurance of the UI/UX within the application

### May 2022 - Jul 2022

IO21 Dubai

#### Software Development Intern

- Software Developing Intern for their new E-commerce platform using the NodeJS and ExpressJS frameworks.
- Ensuring the quality assurance of the front-end among different devices.

## Education

### Jul 2019 - Jul 2023

Vellore Institute of Technology, Vellore

#### B.Tech Computer Science Engineering

- GPA: 3.72

### Jun 2017 - May 2018

St. Antony's Public School, Kerala

#### Higher Secondary School

- Percentage: 91.4%

## Skills

### Programming Languages:

C/C++, Java, Python, JavaScript, Arduino, C#, Dart

### Web and App Development:

HTML, CSS, Vanilla JS, MERN Stack, Python Tkinter, Flutter, SQL and NoSQL Databases, Fast API, .NET Web API, Flask, Django

### Machine Learning and AI:

Supervised and Unsupervised Learning Methods, Clustering Algorithms, Neural Networks

# Projects

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## 1. Smart Garbage Monitoring System:

- A waste disposal system which automatically opens and closes when objects are detected
- It constantly monitors the garbage levels and notifies the concerned people when it is full through the Web App.
- <https://github.com/Sidsuresh/Smart-Dustbin>

## 2. Sage - The Healer

- Developed a Blood Bank System using ReactJS and Google Firebase
- <https://github.com/Sidsuresh/BloodBankSystem>

## 3. FinanceLock

- A financial loan lending application to facilitate safe transaction of money between the Investors and Customers through their own discretion
- Developed using Tkinter and Firebase
- <https://github.com/Sidsuresh/FinanceLock>

## 4. Handwritten Digit Recognition:

- A Convolution Neural Network trained using MNIST dataset to identify handwritten digits with an accuracy of 99.5% using TensorFlow 2.0
- <https://github.com/Sidsuresh/HandwritingDigitRecog>

## 5. Encryption using Binary Trees:

- A Data Encryption and Decryption Algorithm using Binary Trees in C++
- [https://github.com/Sidsuresh/Encrypt\\_Binary\\_Trees](https://github.com/Sidsuresh/Encrypt_Binary_Trees)

# Certificates

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## Machine Learning - Stanford University

Conducted by: Andrew Ng

Grade: 97.64%