

Sunand S

+91 7904996099 | ss.acad4150@gmail.com

2/1, Senai Thalaivar Nagar, Madhanakuppam, College Road, Kolathur, Chennai- 600099

Academic Background:

Educational Qualification	Institution/ University	Year of completion	Grade/ Percentage
B.Tech in Electronics and Computer Engineering	Vellore Institute of Technology	2021	7.87
HSC-PCM with CSC	Bhavan's Rajaji Vidyashram	2017	87%
SSLC	Bhavan's Rajaji Vidyashram	2015	9.0 CGPA

Instances of flexibility, adaptability and leadership traits exhibited:

- Troop leader for the overall winning patrol in District Rally for Scouts and Guides.
- Coordinator of Research and Development team for school cultural.
- Core committee member for VITechnical club and was responsible for managing a small group of people and arranging teaching camps and health camps for underprivileged children in government schools in and around the college.

Internship experiences:

TRIVENT SYSTEMS (2020):

- Firsthand experience in using CUBE JS and REACT JS to dynamically represent and illustrate the company's data in a separate secure AWS through an interactive dashboard for the company to utilize.
- Acquired an understanding and worked with various software such as ZOHO analytics, CUBE JS and REACT JS.
- Obtained comprehension about the company and its different verticals.

LATLON TECHNOLOGIES (2020):

- Firsthand experience in using Android Studio and Firebase to create an android app to track activity of a user using phone sensors with automated cloud backups.
- Acquired an understanding and worked with various software such as Android Studio, Firebase and JAVA.
- Obtained comprehension about the company and its different verticals.

INDIHOOD (2021):

- Implementing end to end solutions and societal scale solution building which involves business analysis, understanding constant change in requirements, and coming up with efficient solutions for bottlenecks.
- Designing new workflows, databases and applications based on the growing data and needs of people.
- Application Development, functional testing, end to end application implementation, deployment of application and post production support.
- Acquired an understanding and worked with various software such as Android Studio, Exalt and Typescript.
- Firsthand experience in using Exalt and Typescript to create and test schemas, validations and functionalities for company made apps
- Obtained comprehension about the company and its different verticals.

Project experience:

- Object identification using image processing (2018)
- OMR sheet reader using image processing (2017)
- Presence of breast cancer identification using Machine learning (2019)
- Fingerprint Sensor Interfacing using PIC micro controller (2019)
- Intrusion Detection System for Cloud and Grid Computing (2020)
- Blood Donation Management System (2020)
- Automatic intensity adjustable street lights (2019)
- IPL Seasonal Victor prediction and representation using machine learning (2019)

- Representation, Simulation and Optimization of a ZigBee network using Cisco Packet Tracer (2019)
- Implementation of Shell using XV6 commands (2020)
- Waste Management System (2019)

Other projects:

- Food menu creation and delivery system using drone (2019)
- Rain/Water level detector (2014, 2017)
- Survey and representation of people's mindsets involving Personal Finance Management

Co-Curricular:

- Selected and attended a Rocket and Rover design competition and academic tour in NASA, Houston (2012-2013)
- Raspberry Pi workshop (2017)
- PCB designing and manufacturing workshop (2017)

Extra-Curricular Activities:

- Volunteering and managing a free Health care camp in an under privileged school (2018)
- 36 hours of servicing in hospital over 6 days (ICF – 2014)
- Organizing a teaching camp for the importance of physical fitness and a balanced diet among children to children
- Cleaning of a temple's water storage tank (2014)

Notable Achievements:

- Rastrapathi Awardee (Highest award) from the Indian President in Boy Scouts (2015)
- Rajya puraskar Awardee from the Tamil Nadu Governor in Boy Scouts (2014)
- First place in IIT Bombay spoken tutorial coding competition (C language) (2017-2018)
- Young Achiever awardee (School 2016 - 2017)
- Zonal Topper in National Science Olympiad (2013, 2015)
- Gold medal in National Cyber Olympiad (2017)
- Inspire Awardee from the Govt. Of India, dept. Of Science and Technology for notable achievements in science (2013 – 2014)

- Distinctive performance award in ASSET examination (2013, 2014, 2015)
- Passed NTSE first level examination (2015)
- First place in Scouting District Rally completion (2014)

Programming proficiency:

- C
- C++
- Python
- HTML
- CSS
- JAVA & Java Script
- R Studio
- SQL
- React JS
- CUBE JS
- Matlab
- Arduino IDE
- Exalt
- Typescript

Hobbies:

- Listening to music of various genres and languages
- Reading books
- Sketching
- Cooking
- Miniature game development

Languages known:

- English
- French
- German
- Japanese
- Tamil
- Telugu
- Hindi