

NAME : NANDHA KUMAR E
ID NO : 18MX214
DEGREE : Master of Computer Applications
BRANCH : Computer Applications
COLLEGE : PSG College of Technology, Coimbatore



Father's name	Essaki Muthu P	Permanent Address Mb 9, Ponvizhanagar, Anbu nagar extn., Tirunelveli 627011, Tamil Nadu.
Gender	Male	
Date of Birth	12 th May 1998	
Languages known	English, Tamil	
Email	nandha1224@gmail.com	
Mobile	+91-8220527213	

ACADEMIC RECORD

Course	Institution	Board	Completion By	Marks (%)
X	MDT Higher Secondary School, Tirunelveli.	State	2013	82.5
XII	MDT Higher Secondary School, Tirunelveli.	State	2015	52
B.Sc.(CS)	St. John's College, Tirunelveli.	Manonmaniam sundaranar university	2018	68
MCA	PSG College of Technology, Coimbatore.	Anna University	2021	0.0*

*CGPA till Semester - III

Semester	I	II	III	IV	V	VI
CGPA / 10	7.2	-	-	-	-	-

AREAS OF INTEREST

- Algorithms using Data Structures
- Data analytics using Python
- Object Oriented Programming
- Database design

SKILL SET

Languages	C, C++, Java, Python, R, Assembly Language, Shell Scripts
Web Technologies	HTML, CSS
Back Ends	MySQL
Platforms	Linux, Windows
Frameworks/SDKs	Android, React, Flask, Tensorflow
Tools	Android Studio, Visual Studio, Anaconda

NON-ACADEMIC PROJECT

- **Pizza Hands-on** - Pizza Ordering Application is developed to order a pizza and generates the pizza order reports to Admin. Developed using **Spring MVC**.
- **Library Management System** – To maintain the library book details. Developed using **C and Red Black tree algorithm** for managing the books.
- **Water scarcity** - analyzed how scarcity will affect Tamil Nadu in May 2019 using the total amount of rainfall dataset provided by **Customized Rainfall Information System (CRIS)**

ACADEMIC PROJECTS

- **Fugi-Spot** - an IOT based web application developed to trace the vehicles which goes in high speed. The speed control sensor checks the speed of the passing vehicles and when the vehicle's speed goes over the limit, a high voltage sent to raspberry pi via Arduino. Once the raspberry pi receives high voltage, the camera that is connected to pi will shutter the image of the vehicle. In the backend, the image is being processed for extracting the vehicle number. The extracted number will be matched to the RTO's vehicle database and fine amount will be added from the insurance of the vehicle.
- **Mini Unix Shell** - developed an own Unix shell using C and added a set of commands to the shell.
- **Intelligent Keyboard** - a web application "Intelligent Keyboard" developed under the guidance of [24]7.ai, Bangalore. It can auto complete the next character within a word and next word in a sentence meaningfully using the **Machine Learning** approaches. It was developed using the framework TensorFlow.
- **Brainiac** - an Online Quiz site where users can create and post quiz to the students to participate using uniquely generated Quiz Code. Developed for Both Desktop and Mobile Users. Web Client – **MEAN Stack**, Mobile Client – **Android Studio**.
- **Contact-Manger** - a java app developed using java applet to store the contacts. The operations logic was handled using **Doubly Linked List**.

ACADEMIC ACHIEVEMENTS AND EXTRA-CURRICULAR ACTIVITIES

- **Secretary** of department association from academic year 2017 to 2018 at St. John's College Palayamkottai.
- Secured First prize in **Paper Presentation**- Cloud Computing conducted by JP College of Arts and Science, Tenkasi on February 2018.
- Secured First prize in **ENTREVUE** conducted by Manomanian Sundaranar University, Tirunelveli on March 2017.
- Participated in the **ACCS Student Design Challenge (ADC2019)** at 25th International Conference on Advanced Computing and Communications (ADCOM019) at International Institute of Information Technology (IIITB) Bangalore.
- Attended the **5G Technology Development with MATLAB Tutorial** at 25th International Conference on Advanced Computing and Communications (ADCOM019) at International Institute of Information Technology (IIITB) Bangalore.
- Co-Ordinator, **MINDS CROWN, MINDS 2020**, PSG College of Technology.
- Co-Ordinator, **THIRAN TIARA, THIRAN 2020**, PSG College of Technology.

DECLARATION

I, Nandha Kumar E, do hereby confirm that the information given above is true to the best of my knowledge.

Place: Coimbatore

Date:

(Nandha Kumar E)