

EDUCATION

B.Tech (Hons.), Computer Science & Engineering

Indian Institute Of Information Technology, Kalyani

2019 - 2024

CGPA: 8.94/9

Senior Secondary (XII), Science

SRI CHAITANYA JUNIOR COLLEGE

(SSC board)

Year of completion: 2019

CGPA: 9.97/10

Secondary (X)

Sri Chaitanya Techno School

(SSC(ANDHRA PRADESH) board)

Year of completion: 2017

CGPA: 10.00/10

POSITIONS OF RESPONSIBILITY

I lead the music club(Symphony) of my institute and organized many online events during the pandemic.

TRAININGS

Machine Learning And Deep Learning

udemy, Online

Mar 2021 - Apr 2021

Covers Regression, Decision Trees, SVM, Neural Networks, CNN, Time Series Forecasting and more using both Python & R.

Java

IIIT Kalyani, Online

Jan 2021 - Mar 2021

As a part of the academics Learnt java core and advanced and project development. Developed a project Restaurant Management System as a part of academic project.

Machine Learning

Internshala Trainings, Online

Jul 2020 - Jul 2020

Successfully completed a six weeks online certified training on Machine Learning. The training consisted of Introduction to Machine Learning, Python for Machine Learning, Machine Learning Life Cycle, Data Exploration and Manipulation, Build Your First Model, Evaluation Metrics, k-NN, Selecting the Right Model, Linear Regression, Logistic Regression, Decision Trees, Feature Engineering, Basics of Ensemble Models, Random Forest and Clustering modules. In the final assessment, I scored 81% marks.

Ethical Hacking

Internshala Trainings, Online

Jun 2020 - Jul 2020

Successfully completed an eight weeks online certified training on Ethical Hacking. The training consisted of Basics of Information Security and Computer Networking, Information Gathering and Basics of Web Development, Introduction to Web VAPT, OWASP and SQL Injections, Advanced Web Application Attacks, Client Side Attacks, Identifying Security Misconfigurations and Exploiting Outdated Web Applications, Automating VAPT and Secure Code Development and Documenting and Reporting Vulnerabilities modules. In the final assessment, I scored 88% marks.

PROJECTS

Face Recognition Attendance

May 2021 - May 2021

<https://github.com/pavankumarallu/FaceRecognition>

It is a Face recognition Attendance App, Which trains the model with respective students photo samples using LBPH algorithm. It detects the face and recognizes it. It automatically marks present for the respective student.

Virtual Painter

May 2021 - May 2021

https://github.com/pavankumarallu/Virtual_Painter

It is a virtual canvas for painting. It basically detects the tip of our index finger and follow the co-ordinates of our index finger and draw on the canvas.

Signal Management

Mar 2021 - Mar 2021

<https://github.com/pavankumarallu/Traffic-And-Signal-Management>

The objective of this project is to minimize the traffic at the traffic signals. This basically set the timer of a signal based on the traffic densities in a particular lane. This project is developed using java.

Restaurant Management System

Mar 2021 - Mar 2021

<https://github.com/pavankumarallu/RestaurantManagementSystem>

A college based project which performs basic requirements and functionalities of a restaurant using Java.

BlogApp

Jan 2021 - Jan 2021

<https://github.com/pavankumarallu/Pavan-blog>

A blog app which allows the user to post images, used Google firebase for backend.

Winter of codes

Oct 2020 - Oct 2020

<https://woc-dsciiitkalyani.tech/>

A website for an event in our college winter of codes.

Dental Square

Apr 2021 - Present

An android app for a dental clinic in Visakhapatnam. Using firebase for backend.

SKILLS

Android

Intermediate

CSS

Intermediate

Deep Learning

Beginner

C Programming

Advanced

Python

Advanced

HTML

Intermediate

Machine Learning

Intermediate

Java

Advanced

C++ Programming

Advanced

WORK SAMPLES

GitHub profile

<https://github.com/pavankumarallu>

ADDITIONAL DETAILS

I have won titles in the singing competitions and performed in many events. I am a trained classical singer (carnatic). I also play piano and run a youtube channel posting piano tutorials.

I am certified by the hackerrank for my performance in python.
<https://www.hackerrank.com/certificates/423ca5efb4d1>