Aparna G
Undergraduate Computer Science student at College of Engineering Guindy

An enthusiastic student looking forward to learn new technologies and exploring various fields

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📱 8903570838

📍 Neyveli

🌐 aparnag7.github.io/resume/

in linkedin.com/in/aparna-gopal-891a5b175

○ github.com/aparnag7

SKILLS

C   C++

Java(Beginner)

Data Structures

Algorithms

Relational Databases

Object Oriented Programming

Operating Systems

Machine Learning(Beginner)

LANGUAGES

English
Full Professional Proficiency

Tamil
Native or Bilingual Proficiency

Hindi
Professional Working Proficiency

German
Elementary Proficiency

INTERESTS

Competitive Programming

Event Management

Pet Care

EDUCATION

Bachelor of Engineering - Computer Science and Engineering
College of Engineering, Guindy

08/2018 - Present   *CGPA 8.39 (5 semesters)*

HSC
St.Joseph of Cluny, Neyveli

06/2016 - 04/2018   *98.33%*

SSLC
St Joseph of Cluny, Neyveli

06/2004 - 04/2016   *98%*

PERSONAL PROJECTS

Pharmacy Management System
Built a pharmacy management system using Java. Front end: Swing GUI, Backend: JDBC, MySQL database. Enables Pharmacy employees to add and search drugs, generate bill, view profits obtained, reply to customer queries. Enables customer to view their order history, message pharmacy

Sentiment Analyzer and Review Generator of Indian Tourist spots
Extracted tweets from Twitter API to perform Sentiment Analysis using Multinomial Naive Bayes classifier for 6 Indian tourist places. Generated an overall review of each place using T5 summarizer. Implemented in python.

Sort Visualizer
Web Application developed using JavaScript, HTML, CSS to visualize bubble, selection, insertion, merge, quick, heap sorting algorithms. Hosted on github: https://aparnag7.github.io/sortvisualizer/

Food Calorie Estimator
Built a Convolutional Neural Network Model that detects the food item. Estimated the volume, mass and calories using Image Segmentation.

Distance Matrix Routing
React app that shows the optimal route to a delivery driver to drop off multiple deliveries based on time by taking into account the route, traffic on the roads, and traffic incidents on the roads using TomTom API

ORGANIZATIONS

National Service Scheme (10/2018 - Present)
Active volunteer of NSS Unit - 12, CEG

CEG Tech Forum (02/2020 - Present)
Event Coordinator

EVENTS ORGANISED

Onsite Programming Contest (02/2020)
▫ Coordinator of OSPC in Kurukshetra 2020

Induction Programme for 2020 CSE Freshers

X-Domain Event (04/2021)
▫ Conducted X-Domain, a technical event in Abacus 2021

CERTIFICATIONS

NSS Camp Certificate
Attended an 8 day camp programme at Kadapakkam