



K ANANYA
B.Tech. - CSE - Internet of Things
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BRIEF SUMMARY

I'm Ananya Kannan, a CSE student specializing in IoT with a strong interest and background in the field of computer science. I, aim and aspire to be among the biggest contributors who constantly look for innovative, easy, and cost-effective solutions to make people's lives enriching and comfortable. I'm enthusiastic about taking on any challenge with a forward-thinking and resourceful approach. I have a positive outlook towards life and believe that "Good days give me happiness and satisfaction, whereas, bad days give me experiences and lessons".

KEY EXPERTISE

ML Data Science AI Web Development Data Analysis Visualization Deep Learning Backend Tableau

EDUCATION

SRM Institute of Science & Technology, Kattankulathur B.Tech. - CSE - Internet of Things CGPA: 9.84 / 10	2021 - 2025
Kendriya Vidyalaya Picket, Hyderabad 12 th CBSE Percentage: 97.40 / 100	2021
Kendriya Vidyalaya Picket, Hyderabad 10 th CBSE Percentage: 95.60 / 100	2019

AWARDS AND SCHOLARSHIPS

- Performance-based Scholarship for the academic year 2022-2023
- Third Position in Inter-College Tech Quiz Competition
- Excellence award in Samsung PRISM internship

INTERNSHIPS

Siemens Technology and Services Pvt Ltd Technical Summer Intern Key Skills: ML Website Development AngularJS Atlassian JIRA springboot postgresql As a technical summer intern, I am working in the Digital Transformation Services(DTS) business unit at Siemens Technology and Services Pvt. Ltd.	08 Jan, 2024 - Present
Samsung Research Bangalore (SRI-B) Research and Development Intern Key Skills: AI ML Data Science NLP I completed a project on "Automatic Question Generator for Voice Assistants" along with my teammates for which our team also won the excellence award. During my internship experience, I learnt new technologies related to AI and ML such as NLP, spacy, BERT, LLM, etc.	26 Aug, 2023 - 26 Dec, 2023
Indium Software India Pvt Ltd Data and Analytics Intern Key Skills: AI ML Data Science Data Analytics During my internship, I was exposed to a wide array of data science and machine learning tools and techniques, including transformer-based models, NER using spacy, image classification from pdf, embeddings from sentence transformers, OCR, legal and critical clauses in real estate market, etc.	01 Jun, 2023 - 01 Aug, 2023

PROJECTS

Fault Node Detection in Wireless Sensor Networks

15 Apr, 2024 - 15 May, 2024

Team Size: 3

Key Skills: AI Reinforcement learning Qlearn MatLab

Project Link: <https://github.com/Ananya-Kannan/Fault-Detection-in-a-WSN-Node>

This project explores the application of reinforcement learning techniques, specifically Q-learning. We used Python programming language along with libraries like pandas, matplotlib, for data handling and visualization, and Gym for reinforcement learning environments. The project aims to develop an efficient fault detection system. The data for training and evaluation is generated using Simulink of MATLAB to simulate realistic WSN scenarios.

Movie Recommendation System

24 Jul, 2023 - 24 Oct, 2023

Team Size: 2

Key Skills: ML Data Science

Project Link: <https://github.com/Ananya-Kannan/Movie-Recommendation-System>

The objective of this project is to implement a robust and accurate movie recommendation system using collaborative filtering algorithm.

Full Stack form filling website

24 Jul, 2023 - 24 Sep, 2023

Team Size: 3

Key Skills: NodeJS HTML CSS

Project Link: https://github.com/Ananya-Kannan/Form_Filling_Website_Full_Stack

The objective of the project is to develop a user-friendly form-filling website using Typescript, HTML, CSS, JavaScript, Python, NextJS, ExpressJS and MongoDB

Smart Home System Simulation

12 Jan, 2023 - 19 May, 2023

Key Skills: Computer Networks Cisco

Project Link: <https://github.com/Ananya-Kannan/Smart-Home-System-Project>

The objective of the smart home simulation project is to design a smart home system to automate and control various household devices and appliances using Cisco Packet Tracer.

Poker Hand Strength Prediction using Logistic Regression

24 Mar, 2023 - 24 Apr, 2023

Key Skills: ML Data Science

Project Link: <https://github.com/Ananya-Kannan/Poker-Hand-Strength-Predictor-Logistic-Regression>

The program trains a basic Poker Hand Strength predictor using logistic regression.

Food Delivery Website

24 Feb, 2023 - 24 Mar, 2023

Key Skills: HTML CSS

Project Link: <https://github.com/Ananya-Kannan/Food-Delivery-Website>

I created a food delivery website using HTML, CSS and JavaScript.

Personal Blog Website

24 Feb, 2023 - 24 Mar, 2023

Key Skills: Web development HTML CSS

Project Link: https://github.com/Ananya-Kannan/Personal_Blog_Website

I created a personal blog website using HTML, CSS and JavaScript.

World Time App

10 May, 2022 - 20 May, 2022

Key Skills: Dart App Dev Flutter

Project Link: <https://github.com/Ananya-Kannan/World-Time-App>

I created a simulation of world time app using Flutter.

ACHIEVEMENTS

- Microsoft Certified: Azure AI Fundamentals global certification

ASSESSMENTS / CERTIFICATIONS

Web Development Training

Key Skills: HTML CSS JS

AWS Academy Machine Learning Foundations

Key Skills: ML Data Science

Networking Essentials

Key Skills: Computer Networks

Data Analytics by Google

Key Skills: Data Analysis R Visualization

AWS Academy Cloud Foundations

Key Skills: Cloud Paas Iaas Saas

Goldman Sachs Software Engineering Virtual Experience Program

Deloitte Technology Virtual Experience Program

NPTEL Data Science for Engineers

Aggregate: 86 / 100

Key Skills: Data Science Machine Learning R

Microsoft Certified: Azure AI Fundamentals

Aggregate: 828 / 1000

Key Skills: AI ML NLP Computer Vision Azure Services AI Workloads Gen AI

CO-CURRICULAR ACTIVITIES

- o Tech-Q Quiz Contest
- o Women Coding Championship
- o Data Science Hackathon
- o deCODE Hour Codathon

EXTRA CURRICULAR ACTIVITIES

- o Swimming
- o Cycling

PERSONAL INTERESTS / HOBBIES

- o Singing
- o Dancing
- o Badminton

WEB LINKS

- o Github - <https://github.com/Ananya-Kannan>
- o Other - <https://www.kaggle.com/ananyakannan>

PERSONAL DETAILS

Gender: Female

Marital Status: Single

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Date of Birth: 06 Aug, 2003

Known Languages: English, Hindi, Tamil

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