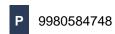
# **GAUTHAM SAAKETH KANDULA**

COMPUTER SCIENCE GRADUATE







Bangalore, India



www.linkedin.com/in/ga utham-saaketh/

## **PROFILE**

A final-year computer science student with a strong background in programming and problem-solving, skilled at applying academic knowledge to practical situations, a dedication to lifelong learning, and a love of cutting-edge technological innovation.

#### **EDUCATION**

Bachelor of Technology in Computer Science Engineering, PES UNIVERSITY 2020-2024

# **PROJECTS**

## A Secure and Privacy Oriented Implementation of Electronic Health Records

- Developed an innovative insurance-focused blockchain-based EHR
  management system. Solidity is used for smart contracts and React is
  used for the front end. Additionally, it manages wallets using the
  MetaMask extension.
- Currently using **Hyperledger Fabric** to create a private blockchain whose purpose is solely for medical applications.

#### Al Restaurant Recommender System

- Created a restaurant recommendation model It uses Extra Tree
   Regression with 95%accuracy with the previous three restaurants as factors to predict the approximate cost the person is likely to spend.
- It uses KNN for popular regional cuisine.
- It also applies TFIDF to compare the similarity of restaurants based on reviews.
- The project was trained using real-world Bangalore Zomato data.

# **Blood Collection Camp AWS Website Hosting**

- Using AWS infrastructure, including EC2, RDS, and Nginx server, a dynamic website for storing and viewing blood test results was successfully launched.
- Improved the development and deployment process by putting in place a strong Continuous Integration and Continuous Deployment (CICD) pipeline using GitHub.

#### **Smart Watch Protoype**

- Built a prototype smart watch using an ESP8266 and numerous sensors, primarily a heart rate and blood pressure sensor.
- It uses the Arduino Cloud to obtain data in real time.
- Analytics was performed to forecast heart attacks and other issues.

#### **Club Development System**

Designed a club management website using HTML, CSS, JavaScript,
 ReactJS, MongoDB, and ExpressJS that handles club registrations,
 features club information, and has a calendar-based notifications system

## **SKILLS**

**PYTHON** 

C

JAVA

MYSQL

HTML/CSS/JS

PYTORCH, TENSORFLOW, KERAS

**AWS** 

PROBLEM SOLVING

COMMUNICATION

## **COURSES**

BLOCKCHAIN
QUANTUM CRYPTOGRAPHY
REINFORCEMENT LEARNING
MACHINE LEARNING
GRAPH THEORY
IOT
CLOUD COMPUTING
SOFTWARE TESTING
DBMS
COMPILER DESIGN

#### **AWARDS**

1X EXCELLENCE IN COMPUTERS
3X MRD SCHOLARSHIP-TOP 15%
3X DISTINCTION AWARD

#### **LEADERSHIP**

#### MAAYA SPONSORSHIP HEAD

Led a group of twenty individuals and obtained sponsorships for the college fest worth about one lakh.