

# Kasani Pruthvi Sai Krishna Gowd

IIITDM Kancheepuram, Email: [pkasani1@gmail.com](mailto:pkasani1@gmail.com) (or) [coe15b019@iiitdm.ac.in](mailto:coe15b019@iiitdm.ac.in) , Contact: (+91) 9790707165, (+91) 8106403284

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## EDUCATION

Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Chennai, B.Tech in CSE, CGPA: 7.7 JULY 2015 - PRESENT

Sri Chaitanya Jr.Kalasala,  
Vijayawada, Grade 12, Percentage: 98%

MAY 2015

Nirmala High School, Vijayawada, Grade 10, Percentage: 98%

MAY 2013



## EXPERIENCE

### TITAN COMPANY LIMITED - Native Android developer Intern

MAY 2018 - SEPTEMBER 2018

- As a project trainee here at TITAN COMPANY LIMITED, I have developed an in-house Android application 'BEYOND TOMORROW' ( integrated with an existing API ) that record users feedback of the event, 'TITAN TECHNOLOGY DAY'.
- As a project trainee here at TITAN COMPANY LIMITED, I have developed an in-house Android application, 'SURAKSHA' ( integrated with an existing API, going live on private Google Play Store), that sends alerts (in form of images, description etc) to the Safety Alert team.
- As a project trainee here at TITAN COMPANY LIMITED, I have developed an in-house Android application, 'GHS AV' that play Videos of Tanshiq Jewellers Commercials (as a part of Golden Harvest Scheme).
- As a project trainee here at TITAN COMPANY LIMITED, I have worked as a tester for the third-party consumer Android application of TITAN.

### MedSafe - Application Developer

DECEMBER 2017 - JANUARY 2018

- As a team of two, we have worked on an Android application allows the user to distinguish spurious medicines using Medicine strip by Image analysis techniques.

### RoSMa 2018, IIITDM Kancheepuram - Web Developer

OCTOBER 2017 - MARCH 2018

- As a team of two, we have developed a completely responsive website (in live) for the International Conference on Robotics and Smart Materials to be held at IIITDM Kancheepuram on July 2018.

### Art Inside - Web Developer

MAY 2017 - JULY 2017

- Have been developing a website for the online art selling business portal called Art Inside using Bootstrap framework.

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## PROJECTS

### Blood Donation Management System

Developed a complete management system for Blood donation as part of 'Database Management' course.

### Classical Semaphore Problem with a UI (Cigarette smokers problem)

Implemented Cigarette smokers problem with UI (classical semaphores problem) in python using pygame library.

## Classification of Lung cancer disease using Data Mining Techniques

As a team of two, we have developed a decision tree based classification algorithm to predict the risk level of the lung cancer patient by training the model with more than 1000 samples.

## Software Modules

Coded various software modules in C and C++ for various sorting algorithms, graph traversals and real-world problems like the Towers of Hanoi.

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## TRAINING

- Received training from IBM for Hybrid application development using Apache Cordova framework and IBM MobileFirst
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## AWARDS

- 'Highest GPA Award' at School for securing highest GPA in SSC Examinations during the year 2012-2013.
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## POSITION OF RESPONSIBILITY

- Founder and Full-Stack Web Developer at Art Inside.
  - Lead designer at Graphic Design Team of IIITDM Kancheepuram.
  - Volunteer in a Social Service Organisation, Vidhai.
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## SKILLS

- Programming: C, C++, MySQL, PHP
  - Web Technologies: HTML, CSS
  - Photoshop, Illustrator
  - Mobile Application: Android Studio, XML
  - Design Thinking and Creative Brainstorming
  - AutoCAD, Sketchbook Pro
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## RELEVANT COURSES

- Design and Analysis of Algorithms
  - Discrete Structures For Computing
  - Digital and Analog Circuits Design
  - Database Systems
  - Digital Image Processing
  - Data Mining
  - Computer Organization and Design
  - Programming and Data Structures
  - Engineering Economics
  - Concepts in Engineering Design
  - Computational Engineering
  - Design History
  - Systems Thinking for Design
  - Sociology of Design
  - Designing Intelligent Systems
  - Industrial Design Sketching
  - Entrepreneurship and Management
  - Design for Quality, Statistics and Reliability
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## ONLINE COURSES

- Python Mega Course, by Udemy
- Introduction to Machine Learning, from IIT KHARAGPUR by NPTEL
- Problem-solving methods for AI, from IIT Madras by NPTEL

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## **INTERESTS**

Mobile Application Development, Web development, Data Analytics, Digital Image Processing and Machine Learning

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## **LANGUAGES**

English, Telugu and Hindi ( Elementary proficiency ).