ANNAM SETU DURGESH VINAY

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EDUCATION

BML MUNJAL UNIVERSITY
CGPA - 8.72/10 | 6/8 SEM
B.TECH IN COMPUTER SCIENCE
Gurgaon, India | 2015 - 2019

SRI CHAITANYA JUNIOR KALASALA
SCORE - 97.5%
XI/XII EDUCATION
Hyderabad, India | 2013 - 2015

SRI CHAITANYA TECHNO SCHOOL
GPA - 9.7
X EDUCATION
Hyderabad, India | 2012 - 2013

SKILLS

• Python • Java • C • C++
• Swift • HTML5 • CSS
• JavaScript • PHP
• MySQL • MongoDB
• Node JS • Django
• Web Dev • Android Dev
• IOS Dev • Hadoop
• IOT • Numpy • SciKit
• Machine Learning
• Deep Learning
• Blockchain
• UI/UX • Illustrations

LINKS

Github:// vinayannam
LinkedIn:// vinayannam

EXPERIENCE

TECH MAHINDRA | SOFTWARE ENGINEERING AND DEVELOPMENT INTERNSHIP
June 2017 - July 2017 | Bangalore, India
- Led the team developing desktop and mobile apps for Graph Boards, a web-based data visualization software which enables the managers to track the issues/incidents occurred in the company's core softwares on go.
- It involved building an API for data transport, which also uses a prediction model to project future issues and used Google Charts API for visualizing the trends.

TEDxBMU | HEAD WEB DEVELOPER
November 2016 - January 2017 | Gurgaon, India
- Managed a team of designers and developers to build a website for TED event conducted in the university.
- The design of the website is in coherence to the theme of the event, "Bridging The Gap".

PROJECTS

CODE REEVE | ONLINE JUDGE SOFTWARE
August 2018 - Present | Node Js, MongoDB, MOSS
- Working on a software which automatically judges the coding assignments based on the input and output provided by the professors in the database.
- The software uses MOSS which calculates the similarity of the code enabling it to detect plagiarism.

Blood Dena | ERP SYSTEM FOR BLOOD MONITORING
March 2018 - April 2018 | PHP, MySQl
- A web based app that monitors the request and donation of blood units between the donors and recipients. It includes clustering module that analyses the blood requests based on location and causality.

BMU BLOCKCHAIN | BMU CRYPTO CURRENCY
January 2018 - April 2018 | CLI, Node JS, MongoDB
- A real time blockchain application which has a server module for transactions which can be accessed through a browser and a CLI for miners to mine the blocks holding crypto coins.
- The blocks are secured by using decentralization of transactions using peer to peer network and proof of work.

INTERESTS

Gate Pass | DESIGN SOLUTION FOR A PROBLEM
January 2018 - April 2018 | ANDROID, IOS

● Android and IOS apps for replacing the manual gate pass system in the university into a fully automated system which synchronizes the passes based on their acceptance by parents and wardens with a minimalistic interface design approach.

Feedback System | SOFTWARE PROJECT
September 2017 - November 2017 | Django, JavaScript, ML

● A system built on Django as a REST API backend and frontend completely built with javascript using AJAX for HTTP requests. A regression analysis is used to suggest the faculty's performance improvements based on the categorical data collected.

PH Meter Lite | RESEARCH PROJECT
August 2017 - September 2017 | Django, JavaScript, ML

● An IOS app that captures the image of the litmus paper and outputs an approximate pH value of the solution based on the HUE value of the color samples from the image after processing.
● The SVM model is trained on the several labeled entries which are manually collected in the lab.

ELECTRICITY CONTROL | INTERNET OF THINGS
August 2017 - November 2017 | Arduino, Node JS

● A web app that contains a 3D model of the hostel building which delineates a heat map of the electricity consumed and all the appliances are remotely connected to the server via Arduino.

BB8-DROID | JOY OF ENGINEERING
February 2016 - April 2016 | Arduino

● A droid(robot) powered by Arduino, inspired by a character from Star Wars. It works on "Hamster wheel mechanism" and controlled through Bluetooth via an android app.

DOOR LOCK | MICRO CONTROLLER
September 2015 - November 2015 | Arduino

● A remotely controlled door lock mechanism powered by Arduino.

ACHIEVEMENTS

HACKBMU | HACKATHON, GURGAON, INDIA
April 2018 | Node Js, CNN, ML

● Secured 2nd position for building an app that captures the hand gestures and label the gestures based on the trained sign using CNN. This label is then passed into Google translate and speech APIs to convert the sign to a speech perceivable by the natives. Training data is user specific.

ACM-ICPC | AMRITAPURI, INDIA
December 2017 | Prestigious Coding Competition

● Participated in ACM-ICPC Asia Amritapuri Onsite Regionals 2017.