Jayanth **Chandra**

(+91) 8970896469 | ✉ jayanthchandra14@gmail.com | 🐙 jayanthchandra | in jayanthchandra

Education

R.V. College of Engineering   *Bangalore , India*
B.E. IN COMPUTER SCIENCE AND ENGINEERING   *Aug. 2013 - Dec .2016*
- GPA : - 8.57 / 10

Experience

Bharat Electronics Limited   *Bangalore , India*
SOFTWARE ENGINEERING INTERN   *May. 2015 - Jul. 2015*
- Developed Vendor Management Platform using OpenLDAP services and created API's for accessing the methods which could be used in any file structure.
- The application was developed in Java using JNDI which acted as network interface for two-way communication.
- The data was stored in hierarchical model which could be used in distributed file sharing protocols such as NFS

Gnostice Information Private Ltd   *Bangalore , India*
SOFTWARE ENGINEERING INTERN   *Jul. 2015 - Mar. 2016*
- Development of document viewer for XLSX file format, which is a XML-based spreadsheet file
- The entire code base for the platform was written in Delphi API and also the platform was to compatible with legacy application of Gnostice Viewer
- The platform was able to modularize each DOM properties of each cell and provided an API for rendering in the viewer

Bergspitz Media.ch   *Bern, Switzerland*
API DEVELOPER   *Sept. 2015*
- Bergspitz media is consultancy company which provides web expertise for buisness. They offer support for Joomla Upgradtion, Managment of Joomla web site and customized plugin for joomla platform

Joomla   *Bangalore, India*
CONTRIBUTOR   *Sept. 2015*
- Joomla is one of the most popular open source content management system software. They usually organize bug-squash which rewards people in identifying different issues in the framework and also providing the necessary fixes to resolve the issue.

WhoseHelp   *Bangalore , India*
PRODUCT DESIGNER AND BACKEND DEVELOPER   *Oct 2015 - Feb 2016*
- WhoseHelp will help you find your next tutor for whatever you wish to start learning, while also allowing you to test yourself with our service to quickly and easily practice question papers with immediate results and statistics on your performance
- Developed the entire server platform in Python using TurboGears and Flask , also assisted in development of Mobile application

Unsung People
COFOUNDER   *Nov. 2015 - Present*
- Unsung People is a non-profit initiative that collects stories of random acts of kindness from around the world. It aims to help each of us tune in to the kindness around us, celebrate each small act of kindness, and share beautiful, inspiring stories from around the world.
- Got recognisation with an award for "Social Concern" by one of India's most prestigious institutions, St. Joseph's College of Commere.
- Unsung People was selected as Top-10 finalist in Entrepreneurship competation at University of Virginia
- Have Volunteers from India, Australia, Florida, Virginia,London and Germany

Projects

Openstack Cloud Service Assurance and Fault Tolerance   *Mentor : Prof. Jyothi Shetty*
RESEARCH INTERN, CISCO
- Developed a Web Dashboard for openstack which monitors resource pool of openstack and would report an error to cloud administrator when any process come down.

Mobile Agent Itinerary planning using Farthest Node First Nearest Node Next   *Mentor : Prof. Prapulla Shivaraj*

STUDENT RESEARCHER AND CO-AUTHOR OF PAPER

- Designed and developed an algorithm for transmission of information in wireless sensor networks using Agent Oriented Programming. The main aim of the project is to reduce the itinerary of communication.

Crop-Yield prediction using Boosted Decision Tree Regression

SKILL : MACHINE LEARNING , ANDROID , REST API

- The model helps in predicting the best yield for a different topological features of India. It uses 8 distinctive features to train the hypotheses. This is backed up with REST API which could be used in different application.

Assistive Audio Aid

SKILL : COMPUTER VISION , XBOX KINECT , INFORMATIONAL RETERIVAL

- This project aims to develop a virtual reality keyboard with different features. When a hand is detected over a particular region of interest, an event is triggered and audio response in played.

Personal Assistant Bot

SKILL : AIML , PYTHON , ANDROID , REST API

- The Bot was developed by using AIML and Python to build intelligence. The Bot was able to process user request and perform action by delegating user request to web service.

DocSiri - Health Care Personal Assistant

SKILL : NATURAL LANGUAGE PROCESSING , SERVER , ANDROID

- DocSiri is an voice aided personal assistant which uses natural language user interface to answer question , recommends prescription about the disease and also tracks body activity using Fit Body .

Recommendation engine using i-Beacon

SKILL : IOT , REST API , PYTHON , FACEBOOK GRAPH API

- A The application involved gathering data from twitter and finding out the interest of user and suggesting him new products using ibeacon technology. It uses Bluetooth to communicate with user and the device . It uses Django as a server.

Reward Based App

SKILL : GAME DEVELOPMENT , WEB-KIT , ANDROID , MACHINE LEARNING

- The application involved development of RPG game using client side library and then compile it to android app by using PhoneGap framework. The application rewarded points to user when a particular level is reached.

Virtual Online Photo Gallery

SKILL : COMPUTER VISION , XBOX KINECT , REST API

- The project involved augmented reality and gesture recognition to stream images from web. We make use of gesture to move around images and zoom—in/out images. It uses Xbox Kinect for gathering visual data

Search Engine - JEngine

SKILL : DATA MINING , INVERTED INDEX , PYTHON , REST API

- The Search engine platform provided functionality of identifying the keyword from the document and ranking based upon number of occurence of the keyword from the set of documents.

Empirical Performance Evaluation of Container, Openstack and Baremetal server   *Mentor : Prof. Jyothi Shetty*

RESEARCH INTERN, CISCO

- The Project aimed at analysing the performance of traditional hypervisor based VMs and contrast it with Linux containers. A suite of workloads that stress CPU, memory, disk IO and system has been used to determine different benchmarks for performance comparison.

Skills ───

LANGUAGES

        C , C++ , Python, Java, PHP, Shell Script, JavaScript, Octave ,

TOOLS / FRAMEWORK

        Android , Django , Flask , Tornado , Node , Angular , JSP , MongDB , MySQL , PhoneGap , Git ,
        OpenStack , Docker , JQuery , SQLite,