

VISHNU J

54,Chinna mudali. St, Pudupet, Gudiyattam, Vellore, TamilNadu.

D.O.B: 08/10/1993

+918220557222

vishnuj81093@gmail.com

EDUCATION

- ❑ Pursuing B.E Computer Science and Engineering, 8th semester, College of Engineering Guindy, Anna University Chennai. CGPA upto 7th semester : 8.84/10
- ❑ Higher Secondary Examination (State Board), Sunbeam Matriculation Higher Secondary school, Vellore, Tamil Nadu. Percentage : 98%
- ❑ Secondary Examination (Matriculation), Shiksha Kendra Matriculation Higher Secondary school, Vellore, Tamil Nadu. Percentage : 96%

PRIOR WORK EXPERIENCE

- ❑ Software Development Engineer Intern at **Amazon Development Center** India Pvt. Limited ,Chennai. (May 2014 – July 2014)
- ❑ Web developer at **CEG Tech Forum**, the official technical organization of College of Engineering Guindy, Anna University Chennai for Kurukshetra 2013 and 2014 (International Techno - management Fest)

PROJECTS

- ❑ **AskCEG.** Knowledge sharing platform exclusive to CEG students. It is a social network for students to find, share and crowd-source knowledge. The application which is at beta stage leverages cloud computing power. PHP, MySQL, JavaScript, MVC, Nginx, Memcached, git.
- ❑ **Collabshop.** A chrome extension that enables collaborative shopping in Amazon shopping site. Javascript, HTML5
- ❑ **Automatic question and multiple choice generation.** Developed a natural language processing tool to automatically generate knowledge level and comprehension level questions and multiple choices for given input text. Java, Node.js, Python
- ❑ **Web crawler.** Recursively indexes web pages of a website in a local database. The information can later be searched for using a custom Java client. Java, MySQL.
- ❑ **Games.** Online treasure-hunt game called The Riddles of Sphinx for Kurukshetra ' 13 and Sherlock (multiplayer crime scene investigation game) for Kurukshetra ' 14. PHP, MySQL, MVC.
- ❑ **Website.** Dedicated website for my class with a custom Content Management System which enables the faculties to post articles and upload files directly to the website. HTML5, CSS3, JavaScript, PHP, MySQL.

- ❑ **TripMapper.** A reverse geocoding application to figure out the activities that the user performed during the trip. It was based on the problem statement given by Microsoft Softcoding event of Kurukshetra '14. Java, Google maps API, Bing API, foursquare API.
- ❑ **Shout box.** A real time, event driven group chat application using websocket. Node.js, HTML 5
- ❑ **Nopass chrome extension.** Passwordless authentication extension for web applications in chrome browser based on RSA algorithm. This was created during Paypal Hackathon in Kurukshetra '14 . Javascript, Node.js, HTML5, indexedDB.
- ❑ **ChatBot.** It uses appropriate mapping technique to answer questions asked by the user. If the bot doesn't have an answer it crawls the internet to give back a response.

AREAS OF INTEREST

- ❑ Data structures and algorithms.
- ❑ Gamification.

LANGUAGES AND TECHNOLOGIES

- ❑ **Languages :** Java; C; C++; PHP; HTML5; CSS3; JavaScript; Python
- ❑ **Frameworks :** CodeIgniter; jQuery; Twitter Bootstrap
- ❑ **Platform:** Node.js
- ❑ **Databases :** Oracle database; MySQL
- ❑ **Environments :** GNU Linux; Windows; NetBeans
- ❑ **Server-side :** Apache; Nginx; Memcached
- ❑ **Methodologies :** MVC
- ❑ **Version control :** git
- ❑ **Text editor :** Sublime; Geany

AWARDS AND ACHIEVEMENTS

- ❑ Selected for regionals of **ACM International Collegiate Programming Contest (ICPC)** 2014, Coimbatore.
- ❑ Winner, **Hackathon.** Day-night coding marathon at abacus '13 (Inter-college technical symposium of Department of CSE, College of Engineering Guindy).
- ❑ Winner, **Onsite Programming Contest** in i++ '13 (intra-college technical event of Department of IT, College of Engineering Guindy).
- ❑ Winner, **Microsoft's Tame the code** (coding event) at Kurukshetra '15 (International Techno - management Fest of College of Engineering Guindy).
- ❑ Second place, **Debugging contest** at Kurukshetra '15.

- ❑ Second place, Debugging contest in i++ '13(intra-college technical event of Department of IT, College of Engineering Guindy).
- ❑ Third place, Web Prodigy. Web development event at iTrix '13 (Inter-college technical symposium of Department of IT, College of Engineering Guindy).
- ❑ Finalist, Debugging contest at Kurukshetra '13 and Kurukshetra '14.
- ❑ Finalist, Onsite Programming Contest at Kurukshetra '14.

EXTRA - CURRICULAR ACTIVITIES

- ❑ Volunteered in National Service Scheme and attended a 10 day camp.
- ❑ Participated in **Paypal, Amazon, Chronus hackathons**.
- ❑ Organized Math modeling, Cerebra (Math based events) in Kurukshetra '14.
- ❑ Organized Amazon's Onsite Programming Contest in abacus '14, abacus '15.
- ❑ Active problem solver in spoj, codeforces, codechef and topcoder.