Prabhakaran Senthilnathan

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Pursuing Bachelors degree in Computer Science and Engineering, in the College of Engineering, Guindy(Anna University,Chennai).
A budding and erudite programmer with inherent capability to solve Mathematical and Analytical problems, and immense interest in Competitive Programming.
Strong inclination towards Open Source Softwares due to the staunch belief in Freedom of software design and development.
Adept in Database Management and leading Programming languages.
An effective communicator with excellent interpersonal, logical thinking & analytical abilities.

EDUCATION

College of Engineering, Guindy
August 2014 to Present

2nd Year, Bachelor's Degree, Computer Science and Engineering

Sri Sitaram Vidyalaya Matriculation Higher Secondary School
2002 to 2014

Higher Secondary School Certificate Examination

PROJECTS

CEG Website
September 2015 to October 2015

http://ceg.annauniv.edu/

A website for the country's oldest engineering college was built on Ruby on Rails and i was a integral part of it. In addition to creating it, I also **deployed the website in a virtual private server.**

Air Lock
August 2015 to February 2016

Air lock is an elegant locking system which uses pattern lock concept. It is to provide security to houses and it will be extended in the future for Banks and other places. My responsibility is to design and develop the Arduino Program for the Air lock. Also to design and maintain the database, and to create Web application for the above using Ruby on Rails.

Autonomous Robot
February 2015 to March 2015

An autonomous robot which follows a white line on black background was developed. The bot works based on my algorithm which is fed into and made to work using a microcontroller.

Annafest website
January 2016 to February 2016

http://annafest.in/

Anna University's annual Sports Gala was taken to the next level, by fabricating a website for it. The website was built on Ruby on Rails, by my team and me.

Command Line Search Engine
February 2016 to March 2016

This Project was done as a part of the curriculum for the Operating Systems Laboratory using Python. This is a command-line power tool to search Google (Web & News) from the terminal. It displays the title, URL and text context for each result. Results are fetched in pages. Next or previous page navigation is possible using keyboard shortcuts. Results are indexed and a result URL can be opened in a browser using the index number. Supports sequential searches in a single instance.

Ecommerce website
February 2016 to March 2016

This website was done in Ruby on Rails for Internet Programming Lab, as a part of the college curriculum. The Credit Card is validated and user's transaction pattern is used to classify the purchase as risky or safe.

Research Scholar Database
October 2015 to Present

This is an ongoing project. Being created for the Department of Computer Science, the project involves the designing of a Database for Research Scholars studying in Anna University. Front end is being designed using HTML, CSS and JavaScript and back end using PHP and MySQL.

Infoconnect

March 2016 to Present

http://cs.annauniv.edu/infoconnect/

The objective of **Infoconnect** is to organize important information such as interview experiences of CEG Alumni, question papers of various subjects, and study materials. It provides a wonderful platform to juniors to stay connected with Seniors and Staff Members. This is also an ongoing project. The website is being built using HTML, CSS, Angular JS and PHP. However Landing Page is in the finishing stage http://ceginfoconnect.github.io/

IT PROFICIENCY

Languages: C, C++, Python, Java, Ruby, PHP, HTML, CSS, Javascript, Bash

Frameworks: Ruby on Rails

Tools: git, vim text editor, MSOffice

Databases: mysql, sqlite, ORACLE

Operating Systems: GNU/Linux(Ubuntu), Windows(various)

GitHub Account: https://github.com/prabhakaran9397

Hackerrank Account: https://www.hackerrank.com/prabhakaran9397

SPOJ Account: http://www.spoj.com/users/prabhakaran939

ACHIEVEMENTS

First place in Onsite and Online Programming Contests

September 2015

College of Enginnering, Guindy

First prize in Onsite Programming Contest conducted by the Intra College Symposium of the CS Department and second place in the Online Programming Contest conducted by the Intra College Symposium of the IT Department of the College of Engineering, Guindy.

Onsite Programming and Debugging Contests

September 2015

St. Joseph's Institute of Technology

First and Second place in Onsite programming and Debugging contests respectively. conducted by the National Level Technical Symposium of St. Joseph's Institute of Technology.

Centum in Maths and Physics

April 2014

Higher Secondary School Certificate Examination

Secured Centum in Maths and Physics in Higher Secondary School Certificate Examination

VOLUNTEERING

Startup Weekend - Kurukshetra Edition

February 2016

Management

Kurukshetra, International Technical Symposium

January 2015

Science and Technology

Organised an event called Hawker Bot. Construction and Coding skills of the students are tested.

National Service Scheme, CEG

August 2014 to Present

Human welfare

Developed a website for a non profit, gala event called *Vidhaigal* (*http://vidhaigal.github.io/*) ; conducted by the National Service Scheme, for special children.

IBM

February 2015

Education

Big Data Analytics

College of Engineering, Guindy Linux users group
Member

2015 to Present

An active member of Linux users group because of inclination towards Open Source Soft-wares and the Linux users group proves as an excellent platform.

One of the open source projects : https://github.com/prabhakaran9397/grind

CEG Coding Camp
Participant

March 2015 & December 2015

Tamil (Native or bilingual proficiency) , English (Professional working proficiency)

Puzzle solving

Cycling

Volley Ball
Represented my School team in many Zonal level Tournaments.

Date Of Birth   : 09/03/1997

Contact Details   : 39, Sadayappar street, Saidapet, Chennai - 600015, Tamil
                          Nadu, India.

Father's Name   : B. Senthilnathan

Father's Occupation   : Attender @ Mylapore Hindu Permanent Fund Ltd.

Mother's Name   : S. Bhavani

Mothers's Occupation : House Wife