

Prabhakaran Senthilnathan

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EDUCATION

College of Engineering, Guindy

AUGUST 2014 TO PRESENT

2nd Year, Bachelor's Degree, Computer Science and Engineering
CGPA: 8.73

Sri Sitaram Vidyalaya Mat. Hr. Sec. School

2012 TO 2014

Higher Secondary Examination
95 percent

Sri Sitaram Vidyalaya Mat. Hr. Sec. School

2002 TO 2012

Secondary School Leaving Certificate Examination
96 percent

PROJECTS

Airlock

AUGUST 2015 TO FEBRUARY 2016

Airlock is an electronic pattern lock, designed and developed with a web application. This project was funded by the Kurukshetra Project Management, and has UNESCO Patronage.

Software used: Arduino, Ruby on Rails

CEG Web Application

SEPTEMBER 2015 TO OCTOBER 2015

Web application with admin panel and appealing user interface was created and deployed in the College's virtual private server.

Software used: Ruby on Rails, nginx

Research Scholar Database

OCTOBER 2015 TO MAY 2016

Database for research scholars with proper schema was designed, the website is still under construction. This project is being done under Department of Computer Science and Engineering, College of Engineering, Guindy.

Software used: HTML, CSS, Javascript, php, mysql

Command Line Search Engine

MARCH 2016

Done as a mini project for the Operating Systems Laboratory, it integrates google search engine to the command line.

Software used: python, bash

FREELANCE WORK

Maxican

MAY 2016 - JUNE 2016

Developed a website by following the process framework; for a company named Maxican Export. Constructed majorly using *PHP, HTML, CSS and JS*, along with UX design, the website has an admin panel which is made secure by the means of a two step authentication process. The website was created in a professional coworking space (TheWorks@) along with a fellow technical enthusiast.

IT PROFICIENCY

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

Frameworks: Ruby on Rails, Express JS

Tools: git, vim text editor, MSOffice

Databases: mysql, sqlite

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

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

Hackerrank Account: <https://www.hackerrank.com/prabhakaran9397> (Algorithms Level 3)

SPOJ Account: <http://www.spoj.com/users/prabhakaran939> (Solved 50+)

VOLUNTEERING

Startup Weekend - Kurukshetra Edition

FEBRUARY 2016

Startup weekend is a Google empowered event, in which people from different fields join together and develop the prototype of a StartUp in just 54 hours. The **networking** of the entire event was done by me.

Kurukshetra, International Technical Symposium

JANUARY 2015

An event named Hawker Bot was organised by me. I designed the algorithm for the bot movement and based on it, the test cases were prepared.

National Service Scheme, CEG

JUNE 2015

Along with my NSS team, set up a camp in a remote village, and created awareness on cleanliness and elementary education.

ACHIEVEMENTS

Programming Contests

SEPTEMBER 2015

First Place - On-site Programming Contest conducted by the CS Department, St. Joseph's Institute of Technology

First Place - On-site Programming Contest conducted by the IT Department, St. Joseph's Institute of Technology

First Place - On-site Programming Contest conducted in the Intra College Symposium of the IT Department, CEG.

First Place (2nd years)- Online Programming Contest conducted in the Intra College Symposium of the CS Department, CEG.

OTHER EXPERIENCE

College of Engineering, Guindy Linux users group

2015 TO PRESENT

I'm an active member of CEG LUG, which is a group of GNU/Linux Enthusiasts of CEG dedicated to promote Free and Open Source Software by organizing many activities and events.

Some open source contributions includes: <https://github.com/prabhakaran9397/grind>, Booting Ubuntu(Linux) for 25+ students.

CEG Coding Camp

MARCH 2015 & DECEMBER 2015

For the first time ever, a coding camp was conducted in CEG, and a lecture was delivered by Arjun Arul, an ICPC finalist. I was one of the qualified participants and this camp provided all the fundamental knowledge on competitive programming.

Web Development

2015 TO PRESENT

- Vidhaigal is a cultural event conducted for the differently abled children of our society - <http://vidhaigal.github.io/>
- Annafest is an inter college sports fest - <http://annafest.in>
- Infoconnect is to organize important information and make it available to all the users - <http://cs.annauniv.edu/infoconnect> (ongoing)

LANGUAGES

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

INTERESTS

- Debugging
- Data Structures
- Database Management Systems
- Web Development
- Cycling
- Puzzle Solving

PERSONAL DETAILS

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