

Prabhakaran Senthilnathan

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EDUCATION

College of Engineering, Guindy

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

AUGUST 2014 TO PRESENT

Sri Sitaram Vidyalaya Mat. Hr. Sec. School

Higher Secondary Examination, 95 percent

2012 TO 2014

Sri Sitaram Vidyalaya Mat. Hr. Sec. School

Secondary School Leaving Certificate Examination, 96 percent

2002 TO 2012

PROJECTS

Airlock

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

AUGUST 2015 TO FEBRUARY 2016

CEG Web Application

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

SEPTEMBER 2015 TO OCTOBER 2015

Research Scholar Database

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

OCTOBER 2015 TO MAY 2016

Command Line Search Engine

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

Software used: python, bash

MARCH 2016

FREELANCE WORK

Maxican

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.

MAY 2016 - JUNE 2016

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>

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

VOLUNTEERING

Startup Weekend - Kurukshetra Edition

Startup weekend is a Google empowered event, in which people from different fields join together and develop the

FEBRUARY 2016

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

My NSS team and I, 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 CEGUG, 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

Technical

- Competitive Programming
- Debugging
- Data Structures
- Database Management Systems
- Web Development.

Non Technical

- Cycling
- Volley Ball
- Puzzle Solving
- Singing.

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
