

# Prabhakaran Senthilnathan

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<b>OBJECTIVE</b>	To work in a challenging and mutually beneficial environment that provides generous opportunities for learning, solving and innovating.	
<b>EDUCATION</b>	<b>College of Engineering, Guindy</b>	2014 - 2018
	<i>Bachelor of Engineering in Computer Science</i> CGPA - <b>8.66</b> (upto 6th Semester)	
	<b>Sri Sitaram Vidyalaya Mat. Hr. Sec. School</b>	2002 - 2014
	<i>XII - Higher Secondary Examination - 94.58 %</i> <i>X - Secondary Examination - 96.00 %</i>	
<b>TECHNICAL SKILLS</b>	<i>Programming Languages:</i> C, C++, Ruby, Python, Java, PHP <i>Markup Languages:</i> HTML, Markdown, LaTeX <i>Frameworks:</i> Ruby on Rails, Python-Flask, ExpressJS <i>Databases:</i> MySQL, MongoDB <i>Tools:</i> Git, Vim, Lex, Yacc	
<b>AREA OF INTEREST</b>	<ul style="list-style-type: none"><li>• Algorithms and Data Structures</li><li>• Operating Systems</li><li>• Web development</li></ul>	
<b>EXPERIENCE</b>	<i>Summer Internship</i>	May 2017 - June 2017
	<b>CaratLane Private Limited</b> API Development for CRM Software and Optimization of backend architecture Software used: Ruby on Rails, MySQL, ElasticSearch	
<b>PROJECTS</b>	<i>AI ChatBot - Using Deep Learning</i>	Jan 2017 - Mar 2017
	An AI chatbot, which thinks and answers like human beings using recurrent neural networks. Link: <a href="https://github.com/prabhakaran9397/cip">github.com/prabhakaran9397/cip</a> Software used: TensorFlow (Python)	
	<i>AirLock</i>	Aug 2015 - Feb 2016
	Electronic pattern lock, designed and developed with a WebApp. This project was funded by the Kurukshetra Project Management, and has <b>UNESCO Patronage</b> . Software & Tool used: Arduino, Ruby on Rails, ESP8266 Wi-Fi module	
	<i>ACOE Result - CLI</i>	Aug 2016 - Sep 2016
	Minimal interface for semester result which handles basic-auth, cookies and form-tokens and connection to the ACOE backend. Link: <a href="https://github.com/lost-plus-found/ACOE-Result-Command-Line">github.com/lost-plus-found/ACOE-Result-Command-Line</a> Software used: Shell, Python	

## WEBAPPS

*CEG Website*

Sep 2015 - Feb 2015

Link: [ceg.annauniv.edu](http://ceg.annauniv.edu)

Software used: Ruby on Rails, PHP

*Maxican Export*

May 2016 - Jun 2016

Key Features: Admin-panel secured by two step authentication.

Link: [maxicanexport.com](http://maxicanexport.com)

Software used: PHP, MySQL

*Think42 Labs*

Oct 2016 - Dec 2016

Key Features: Protection against CSRF and auto mailer.

Link: [think42labs.com](http://think42labs.com)

Software used: Python-Flask

## CLUBS & ACTIVITIES

- **Student Director of Tech** at CEG Tech Forum  
CTF is an ISO certified organisation, with UNESCO patronage, that conducts CEG's official Tech Fest, *Kurukshetra* and *I'm the skipper for Backend Development, Internal Applications and Tech Operations*.
- **DevOps** at Department of CSE  
*Developing scripts for DCSE to properly install and configure third-party softwares in labs.*
- **Core Member** of CEG LUG (*CEG Linux Users Group*)  
*A group of GNU/Linux enthusiasts dedicated to promote Free and Open Source Software by organizing many activities and events.*

## HOBBIES

Cycling, Trekking, Athletics, Puzzle Solving, Movies.

## PERSONAL DETAILS

Date of Birth : 09/03/1997

Languages Known : English, Tamil