Prabhakaran Senthilnathan

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OBJECTIVE

To work in a challenging and mutually beneficial environment that provides generous opportunities for learning, solving and innovating.

EDUCATION

College of Engineering, Guindy   2014 - 2018
Bachelor of Engineering in Computer Science
CGPA - **8.66** (upto 6th Semester)

Sri Sitaram Vidyalaya Mat. Hr. Sec. School   2002 - 2014
XII - Higher Secondary Examination - **94.58 %**
X - Secondary Examination - **96.00 %**

TECHNICAL SKILLS

Programming Languages: C, C++, Ruby, Python, Java, PHP
Markup Languages: HTML, Markdown, LaTeX
Frameworks: Ruby on Rails, Python-Flask, ExpressJS
Databases: MySQL, MongoDB
Tools: Git, Vim, Lex, Yacc

AREA OF INTEREST

- Competitive Programming (SpOJ://prabhakaran939)
- Algorithms and Data Structures
- Operating Systems
- Web development

EXPERIENCE

Summer Internship   May 2017 - June 2017
CaratLane Private Limited
API Development for CRM Software and Optimization of backend architechture
Software used: Ruby on Rails, MySQL, ElasticSearch

PROJECTS

AI ChatBot - Using Deep Learning   Jan 2017 - Mar 2017
An AI chatbot, which thinks and answers like human beings using recurrent neural networks.
Link: github.com/prabhakaran9397/cip
Software used: TensorFlow (Python)

AirLock   Aug 2015 - Feb 2016
Electronic pattern lock, designed and developed with a WebApp. This project was funded by the Kurukshetra Project Management, and has **UNESCO Patronage**.
Software & Tool used: Arduino, Ruby on Rails, ESP8266 Wi-Fi module

ACOE Result - CLI   Aug 2016 - Sep 2016
Minimal interface for semester result which handles basic-auth, cookies and form-tokens and connection to the ACOE backend.
Link: github.com/lost-plus-found/ACOE-Result-Command-Line
Software used: Shell, Python

WEBAPPS	*CEG Website*	Sep 2015 - Feb 2015
	Link: 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
Software used: PHP, MySQL

Think42 Labs   Oct 2016 - Dec 2016
Key Features: CSRF protection and auto-mailer.
Link: 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 CEGLUG (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