

# Chandhanu M K

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## EDUCATION



### PSG INSTITUTE OF TECHNOLOGY & APPLIED RESEARCH

*B.E. Computer Science & Engineering* | 2015 - 2019 | **CGPA 8.29/10** | **FIRST CLASS**

## EXPERIENCE



### HPE Research & Development - *System Software Engineer* | JULY 2019 - PRESENT

- Developed NSHTTP - deep port of Apache webserver in the NONSTOP systems - high availability server in MISSION CRITICAL LABS, in middleware layer.
- Designed and developed the manageability scripts and configuration module of NSHTTP (from shared-memory arch. of Apache into shared-nothing arch. of Nonstop systems)
- Designed and built a parser for TCL programming language.



### HPE Research & Development - *Research Intern* | JAN 2019 - JUNE 2019

Developed many automation scripts & projects in the middleware layer of NonStop systems



### PSG institute Technology and Applied Research, - *Cloud Intern* | NOV 2017 - JAN 2018

- Worked with Prof. Shabariram to deploy Openstack on-premises at PSG iTech
- Used a few rack servers and several consumer-grade machines from the computing lab for the compute and control units. Deployed services such as block storage, compute service for efficient utilization of underutilized resources



### SHAKTHI RO, Coimbatore - *Web dev and Online Marketing* | JAN 2017 - PRESENT

Developed websites for Shakthi Power systems and RO, social and online marketing

## PROJECTS

### EDDIE - a personalized voice assistant

- Developed a personalized voice assistant with customized sound profiles that can perform actions, answer queries, and have a general conversation while and reply to the queries from Android Users
- Technology: Java, Python, Lyrebird, IBM Watson

### Calibro - an automation project that reminds us to calibrate medical equipment (MRI, CT ...)

- A web-application, addressing a Medical Industry Automation problem reminding to calibrate intensive medical equipment maintained by PSG Institute of Medical Sciences & Research

### Kenny - a stock market analysis system for stock recommendations

- A basic stock market analysis system that highlights better performing stocks to the user based on a variable time-period set customizable by the user.
- Technology: Python, Google Finance API

## HONORS & AWARDS

### **Outstanding Contribution Award** - *Leading Web developer of Yuktaha 18* | **MARCH 2018**

For designing the website for a national level intercollege technical symposium

### **Outstanding Contribution Award** - *Ezhili - Private Cloud* | **MARCH 2018**

Deployed cloud services for efficient utilization of underutilized resources  
(College's Industrial-grade rack servers)

### **TOP CODER (SECOND)**- *KRIYA - PSG College of Technology* | **2017**

For designing the website for a national level intercollege technical symposium

### **DO THE BEST (FIRST)** - *ADVAYA17* | **SEP 2017**

For designing a fully functional web application in 1 hour.

## EXTRACURRICULAR

### **Joint Secretary** - *Computer Science and Engineering Association* | **MARCH 2018 - APRIL 2019**

- Directed Technical Seminars by inviting accomplished professors from different domains.
- Administered Yuktaha - technical symposium with CS workshops and technical events
- Coordinated a website development team in making Yuktaha a success
- Conducted coding and social events to motivate and encourage interaction among juniors

### **Lead Web Developer & Organiser** - *Yuktaha:18 - National Technical Symposium* | **MARCH 2018**

- Administered an intercollege technical symposium which had 20+ workshops, 20+ technical events, and 10+ coding events which accumulated over 600 participants
- Led a website development team in making Yuktaha 18 which generated over 1000+ paid registrations

### **Vice-Captain**- *Football zonal and division tournament* | **FEB 2018**

- Won college's first team trophy in outdoor sports in a divisional level tournament organized by the Anna University

### **Website Developer & Organiser** - *Yuktaha:17 - National Technical Symposium* | **FEB 2017**

- Lead front end developer of an intercollege technical symposium
- Organized a website developing competition

### **Ed-Support Member of MAD** - *Make A Differencel* **2016 - 2017**

- Education supporter and teacher of Science and Math for orphaned kids in shelter homes

### **Treasurer** - *English Literary Forum* | **AUG 2015 - APRIL 2016**

- Organized plays and enacted many social challenges faced by youths

## SKILLS

- ❑ NonStop
- ❑ Python
- ❑ Django
- ❑ C/C++
- ❑ Shell
- ❑ Web Dev
- ❑ Automation
- ❑ Photoshop

## COURSES

- CISCO Certified Network Associate Module I
- CISCO Certified Network Associate Module III
- Machine Learning A-Z Udemy

