# **Achyuthuni Sri Harsha**

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House no 1-8/720/1/203, Sri Sai Apts,

Vegetable market road, Nallakunta,

Hyderabad, Telangana, 500044

Aspiration Focus

To secure the position of an engineer in the company that offers challenge and opportunity for career development and learning.

## Qualifications

Pursuing bachelors in Mechanical Engineering at Amrita Vishwa Vidyapeetham with a CGPA of 8.98 (upto 6th semester).

Completed Intermediate in MPC at Delta Junior college, Hyderabad, with a percentage of 93.30.

Completed 10th Class in SSC; AP at PACE school with a percentage of 90.33.

## Technical Competencies

|  |  |
| --- | --- |
| Mechanical design software’s known   * CREO (2.0) (Certified by PTC) * ANSYS * AUTOCAD * INVENTOR * ADAMS (view 2015) | Programming languages   * C * C++ (certified by Viranchi solutions) * Html (basic proficiency)   Web designing softwares   * weebly * Google sites * Yola sites |

## Mini projects

[*Vibrational analysis on a steam turbine L.P blade; BHEL, Hyderabad*](https://drive.google.com/open?id=0B9cfmgaiEszaMkVtdTFIMGhpYTIxVkZXZnpSR1V5RTlIai1V)

Analyzed a Siemens design blade for modal frequencies at various speeds. Compared the results obtained using a Campbell diagram.

[*Modelling of a 50VM pilgering mill; NFC, Hyderabad*](https://drive.google.com/open?id=0B9cfmgaiEszaSUMyZHFCRkUyUGc)

Modeled die, shaft and keys of a 50V pilgering shaft assembly and a [video](https://drive.google.com/open?id=0B9cfmgaiEszaSUMyZHFCRkUyUGc) demonstration using AutoCAD.

## Industrial Exposure

[*Vibrational analysis on a steam turbine L.P blade*](https://drive.google.com/open?id=0B9cfmgaiEszaMkVtdTFIMGhpYTIxVkZXZnpSR1V5RTlIai1V)

BHEL, Hyderabad; 30th May to 13th June 2016.

Analyzed a Siemens design blade manufactured at BHEL for modal frequencies at various speeds. Compared the results obtained using a Campbell diagram.

*[An Overall View of RSTPS’, NTPC Ramagundum](https://drive.google.com/open?id=0B9cfmgaiEszacVIzTmxRUnlJelk)*

NTPC, Ramagundam; 16 to 31 December 2014.

Studied various auxiliary parts of the plant along with their working.

*[Manufacturing Of Tubes and Sheet Components for PHWR](https://drive.google.com/open?id=0B9cfmgaiEszad3pEcXlaMnItLTg)*

NFC, Hyderabad; 16 June to 15 July 2014

Observed various manufacturing processes at Zirconium fabrication plant.

#### Plant visits

* Kaiga nuclear power plant (27th Feb 2016)
* Varahi Underground Power plant (26th Feb 2016)
* IMTEX 2014(25th Jan 2014) and 2015(24th Jan 2015)
* IISC open day (28th Feb 2015)
* Ashok Leyland (15 April 2016)

## Website Designing

[*www.bhagavadgita.co.nr*](http://www.bhagavadgita.co.nr/)

Designed as a project for the elective ‘The essence of Bhagavad Gita’. It hosts various projects carried out by the class, like short films, power point presentations, online surveys, and an android app.

[*www.harshaash.co.nr*](http://www.harshaash.co.nr/)

My personal blog hosted along with stats, forms blog and commenting section for free.

## Networking

Attended and completed first two modules of CCNA networking course conducted by CISCO, in the college during summer 2014. Routing and Switching, module 1 and 2 had been completed.

## Other initiatives

* Treasurer, SAE INDIA club for the year 2014-15
* Worked in Assembly department for BAJA, SAE.
* Event coordinator for Rover Challenge during EKATVA 2014(National Level Tech Fest)
* Event coordinator for Auto Quiz and Robo Sapiens Workshop.
* Virgo house Vice-captain and Prefect(at school) for the years 2008-9 respectively.

## Skill enhancement initiatives

#### Workshops

* CCNA-Routing and switching – CISCO(In progress)
* C++ – Viranchi Software solutions
* i3-Indya technologies on VOIP controller –Robotics

#### Participations

* Zonal Round of Robo Tryst-2015
* SENTIENCE’13
* RASE’14

## Personal information

College registration no: BL.EN.U4MEE13004

Date of birth: 5th December 1995

Linguistic Proficiency: Telugu, English, Hindi

Interests and Hobbies: Reading, swimming, designing websites.

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