

Achyuthuni Sri Harsha

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Aspiration Focus

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

Qualifications

- Pursuing bachelors in Mechanical Engineering with a CGPA of 8.98 (upto 6th semester) at Amrita University.
- 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 known

- C
- C++ (certified by Viranchi software solutions)
- Html (basic proficiency)

Familiar with the following Web designing software's

- Dreamweaver
- weebly
- wix.com
- Google sites
- Yola sites

Mini projects

- A mini project named '[*Vibrational analysis on a steam turbine L.P blade*](#)' was done at BHEL, Hyderabad.

Dynamic analysis of a steam turbine blade in computational environment was carried out.

The design of a turbine blade of Simens design which is manufactured at BHEL, Hyderabad was analyzed for modal frequencies. Methods to validate the computational procedures for cantilever beam were established. Similar computational procedures were leveraged for the turbine blade. Campbell diagram was drawn and critical speeds, if any were found out.

- A small mini project on designing the 50VM pilgering mill's die, shaft and keys, and making a demonstration on how they work with a [video](#) has been made during in-plant training at NFC, Hyderabad.

Industrial Exposure

- Mini project at BHEL, Hyderabad, on '[Vibrational analysis on a steam turbine L.P blade](#)' from 30th May to 13th June 2016.
- In-plant training at NTPC, Ramagundam, on '[An Overall View of RSTPS](#)', NTPC [Ramagundam](#)' from 16th December to 31st December 2014.
- In-plant training at NFC, Hyderabad, on '[Manufacturing Of Tubes and Sheet Components for PHWR](#)' from 16th June to 15th July 2014.

Plant visits

- Kaiga nuclear power plant (27th Feb 2016)
- Varahi Underground Power plant (26th Feb 2016)
- ASTE,AF Bangalore (Aircraft and Systems Testing Establishment, Indian Air Force)
- IMTEX 2014(25th Jan 2014) and 2015(24th Jan 2015)
- IISC open day (28th Feb 2015)
- Ashok Leyland (15 April 2016)

Website Designing

- Designed the website www.bhagavadgita.co.nr as a project for the elective 'The essence of Bhagavad gita'. The website is presently hosted by wix.com. The website was made and hosted along with stats, forms blog and commenting section for free. The website contains various projects carried out by the class, which include short films, power point presentations, online and offline surveys, and an android app (The song of Krishna).
- Designed the blog www.harshaash.co.nr. This blog is presently hosted and edited using weebly.

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

D.O.B: 5th December 1995

Linguistic Proficiency: Telugu, English, Hindi

Interests and Hobbies: Reading, swimming, listening to music, designing websites.

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