



# SRI KRISHNA SANKALP GUNTURI

Address: 716 Teak, IJM Raintree Park, Andhra Pradesh, India

Email: sgunturi@protonmail.com

Telephone: +91-91773-74339

## EDUCATION

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<b>Bachelor of Technology, Electrical and Electronics Engineering (Gold Medal)</b> <i>Koneru Lakshmaiah (Deemed to be) University, Andhra Pradesh, India</i>	2015-2019 <b>9.69/10</b>
<b>Senior High School (11<sup>th</sup> and 12<sup>th</sup> grades)</b> <i>Narayana Junior College, Vijayawada, Andhra Pradesh</i>	2013-2015 <b>86.80%</b>
<b>Junior High School</b> <i>Jubilee Hills Public School, Hyderabad, Telangana</i>	2015-2019 <b>9.60/10</b>

## PUBLICATIONS

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- **Gunturi, S. K. S.**, & Reddy, M. S. K. (2018, April). IoT based domestic energy monitoring device. In 2018 *3rd International Conference for Convergence in Technology (I2CT)* (pp. 1-4). IEEE.
- Reddy, M. S. K., **Gunturi, S. K. S.**, & Elangovan, D. (2018, July). Analysis and Design of Discharging Circuit for Auxiliary Battery Systems in EVs. In 2018 *International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering (ICRIEECE)* (pp. 2295-2300). IEEE.
- **Gunturi, S. K. S.**, Makkena, S. K., Pedapudi, S. S., & Reddy, M. S. K. (2019, October). Wide Gain Bidirectional Converters for Energy Storage System of Fuel Cell Vehicles. In *IOP Conference Series: Materials Science and Engineering* (Vol. 561, No. 1, p. 012127). IOP Publishing.

## WORK EXPERIENCE AT MINDTREE LTD. (A LARSEN & TOUBRO COMPANY)

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### Functional and System Testing Engineer 2021-present

Project: *A Network Management & Automation Product*

Client: *The World's largest networking conglomerate corporation*

- Responsible for testing the Upgrade, 3-Node High Availability, Backup-and-Restore and Disaster Recovery scenarios for the product.
- Streamlined and stabilized automation by using Docker platforms.
- Contributed code for functional testing using Python and Selenium WebDriver.

### Software Developer 2020-2021

Project: *Firmware development of a range of Data Center Network Switches*

Client: *The World's largest networking conglomerate corporation*

- Contributed in adding important interrupts to On-Board Failure Logging (OBFL) as a feature for drivers affecting across all the switches family.
- Actively contributed in debugging defects related to stats manager and stats client anomalies.
- Contributed to development of pyATS script using Python for automating test cases on switches.







### Trainee 2019-2020

Project: *C, Linux and Python*

- Co-developed a stand-alone 'Library Management System'. The frontend was developed using Python Flask web framework and the backend was written in C and Bash. Flat files were used as pseudo-databases.
- Learnt basics of Python along with OOPS concepts and deep dived into C concepts starting from data structures, double pointers, function pointers to concepts of threading.

## SKILLS\*

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C	Python	Linux
		
Bash	Microsoft Office	L <sup>A</sup> T <sub>E</sub> X
		

*\*The skill scale is from 0 (Fundamental Awareness) to 5 (Expert).*

## AWARDS

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### Academic Excellence

- Secured First Prize in Academic Excellence for two consecutive years 2018, 2019  
*Koneru Lakshmaiah (Deemed to be) University* Andhra Pradesh

### IEEE Student Branch

- Elected as the Treasurer for the IEEE Executive Committee. Served for 2 consecutive years 2018, 2019  
*Koneru Lakshmaiah (Deemed to be) University* Andhra Pradesh

### Mock United Nations

- Secured Second in 'Best Position Paper' in a three-day Model United Nations Conference 2012  
*Hyderabad Public School* Telangana

## HOBBIES AND INTERESTS

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- Data Privacy Enthusiast
- Inquisitive about Screenwriting in motion pictures
- Playing Tabla (percussion instrument)

## REFERENCES

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- Dr. K. Narasimha Raju**  
Professor of Power Electronics Telephone: +91-96666-93394  
Department of Electrical and Electronics Engineering Email: [narasimharaju.eee@kluniversity.in](mailto:narasimharaju.eee@kluniversity.in)  
Koneru Lakshmaiah (Deemed to be) University  
Green Fields, Vaddeswaram, Andhra Pradesh 522502
- Dr. A. Pandian**  
Professor of Electric Drives Telephone: +91-99409-58638  
Department of Electrical and Electronics Engineering Email: [pands07@kluniversity.in](mailto:pands07@kluniversity.in)  
Koneru Lakshmaiah (Deemed to be) University  
Green Fields, Vaddeswaram, Andhra Pradesh 522502
- Dr. B. Loweswara Rao**  
Professor of Electric Drives Telephone: +91-98662-90922  
Department of Electrical and Electronics Engineering Email: [loveswararao@kluniversity.in](mailto:loveswararao@kluniversity.in)  
Koneru Lakshmaiah (Deemed to be) University  
Green Fields, Vaddeswaram, Andhra Pradesh 522502