

# MAYANK GUPTA

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## Education

2016 - 2020	8.18/10.0	Bachelors of Technology (Hons.) ELECTRICAL ENGINEERING	Deenbandhu Chhotu Ram University of Science & Technology, Murthal, Haryana-131039 (A State Govt. 'A' Grade University)
2015 - 2016	83.6 %	Senior Secondary (XII) (Non - Medical: Physics, Chemistry, Maths, English, Multimedia & web Technology)	Gita Niketan Awasiya Vidyalaya, Kurukshetra, Haryana, India - 136118 (C.B.S.E Affiliated)

## Industrial Training

October 2019	Training on IoT with RaspberryPi	N.I.E.L.I.T., Calicut, Kerala
June 2019 - August 2019	Industrial Training (After 3 <sup>rd</sup> year)	- Ballarpur Industries (B.I.L.T), Yamunanagar, Haryana. - Training in Power Division.
June 2018 - August 2018	Industrial Training (After 2 <sup>nd</sup> year)	- Defence Research & Development Organisation (D.R.D.O.), Hyderabad, Telangana. - Training in Missile Technology
June 2017 - August 2017	Certificate course in PHP & Web Development	Vandana I.T. Solutions, Chandigarh, Haryana.

## Skills

		Familiar With
Programming tools	Javascript, Python, NodeJS, HTML, CSS	C, PHP,
Web Frameworks	Bootstrap, Google Firebase	WordPress, Django, Moodle, Materilize CSS
Other Applications	Microsoft office suite	MATLAB, GNU Octave
Miscellaneous	Git, Linux, MongoDB	MySQL, PostgreSQL, Digital Marketing
Certifications	Google - Analytics Individual Qualification, Fundamentals of digital marketing	

## Projects

### HARDWARE PROJECTS

- ❖ Complete Home Automation using Arduino Microcontroller and RaspberryPi Microprocessor.
- ❖ Underground Cable fault distance detection deploying Murray method on ESP8266 module.
- ❖ Data Acquisition from a remote location using RaspberryPi and serving it to thinkspeak cloud
- ❖ Web server using NODE-MCU ESP8266.

### SOFTWARE PROJECTS

- ❖ Load distribution algorithm on Electric vehicle charging using python libraries : Matplotlib & pandas.
- ❖ Universities' Training and placement cell database management system using PHP and MySQL.
- ❖ GATE exam detailed syllabus android application. (Running on Google play store) under [Clapap Solutions](#)
- ❖ Universities' Technical Fest website using Django, managing 3000+ participation, over 50+ events.
- ❖ A budget web app, scientific calculator, simple dice game using JavaScript.
- ❖ Chat App, Task Manager API, Weather App using Mapbox and Weatherstack API

## Extra - Curricular Activities

- ❖ Presented a paper at the National conference on Home Automation using IoT.
- ❖ Founder of first and official coding club in sophomore year in the university itself.
- ❖ Overall Co-Coordinator of University technical fest in Pre-final year having 3500+ participation.
- ❖ National participation in Robotex-19 competition held at Ahmedabad, Gujrat, India.
- ❖ First position at inter year badminton tournament.
- ❖ Taught voluntarily in school for under privileged in the university, having 250+ students & 50+ volunteers.
- ❖ Managed various positions in Hostel Administration.
- ❖ Volunteer at IEEE conference held in university itself.