



**AYUSH GUPTA**, RA1811005010023

Course : **B.Tech**, Electrical and Electronics Engineering, 2022

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ACADEMIC DETAILS				
COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
B.TECH	SRM Institute of Science and Technology - Kattankulathur Campus		9.03 CGPA	2022
CLASS XII in Computer Science	Dr Virendra Swarup Public School	ICSE	91 %	2017
CLASS X in Computer Science & Engineering	Dr Virendra Swarup Public School	ICSE	95.8%	2015

<b>Subjects / Electives</b>	Data Analysis, Full Stack Web development, Embedded Systems, Automotive Electronics
<b>Technical Proficiency</b>	React.js, Tensorflow, Python3, Raspberry Pi, MySQL, Selenium, C++, C Programming, JavaScript

SUMMER INTERNSHIP / WORK EXPERIENCE	
<b>Student Intern Program, ABB</b> Did my internship under Mr. Sumer Singh Rathore on the project of Understanding and Development of <b>Robotic Arc Welding</b> and its application.	<b>Sept 2021 - Dec 2021</b>
<b>Web Developer, Storiyaan</b> Developed and maintained Storiyaan Website as front end developer and SEO handler . Also used Google OAuth for logging in. stacks used <b>nodejs, react, express, mongodb.</b>	<b>Jun 2020 - Jul 2020</b>
<b>Electronics associate, The elecruiers</b> the elecruiers is the official e-baja team of srm. we build an <b>electric all terrain vehicle</b> to participate in the e-baja and other competitions. I managed the LV system for <b>battery management and optimization</b> using <b>raspberry Pi</b> and collecting data from sensors and improving the performance by developing matlab simulations.	<b>Sep 2018 - Present</b>

PROJECTS	
<b>Yelp Camp India Website - Web Development   MEAN</b> yelp camp modified website. Its a mod website of a popular tourist website called yelp camp which allows user to browse through various campgrounds spread across the country and book their visits. It even allows users to add their own new campgrounds to facilitate others. link for the website hosted on heroku: <a href="https://rocky-lowlands-15592.herokuapp.com/">https://rocky-lowlands-15592.herokuapp.com/</a>	<b>Dec 2020 - Jan 2021</b>
<b>IOT enabled SMART DISPLAY - Embeded systems</b> It's a IoT enabled smart display for Electric Vehicle, a <b>Raspberry Pi</b> powered screen logs and monitors the vehicle condition and works alongside the BMS. Apart from displaying the SOC, range, Temperature of both the motor as well as controller . it even increases the efficiency by automating the cooling system and park assist using image processing with OpenCV <a href="https://github.com/ayushgupta799/Car-Display">https://github.com/ayushgupta799/Car-Display</a>	<b>Nov 2019 - Jan 2020</b>
<b>TUG Puller - electronics</b> A prototype of an automated industrial TUG puller which used gear motors controlled by arduino to pull the weight in a desired direction with obstruction detection.	<b>Feb 2019 - Feb 2021</b>

CERTIFICATIONS		
CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
<b>Machine Learning Foundation</b>	University of Washington	I worked on and created various models like Song recommendation and Product Sentiment Analysis using Turi Create with methods like Linear and Logistic Regression.
<b>Neural Networks and deep learning</b>	DeepLearning.AI	I got introduced to basics of various algorithms like CNN, R-CNN etc. to solve problems using sci-kit learn and made projects like breast cancer and iris specie prediction.

POSITION OF RESPONSIBILITY	
<b>Electronics Head and Project Manager - The Elecruiers</b> The elecruiers is the official team of srm for e-baja. I headed and contributed to the Low voltage system in the vehicle including the smart display using Raspberry Pi.	<b>Sep 2019 - Mar 2020</b>

COMPETITIONS	
<b>Mahindra BAJA 2019</b> Organised by Mahindra and SAE india, we competed against 200+ teams of colleges across india. I headed the electronics of the EV and designed the low voltage system which included the IOT- smart display using raspberry pi. <b>Champion of champions</b> COC is organised by ISIE and Govt. of Andhra Pradesh. I was responsible for the electronic low voltage system and worked on traction system of the Electric Vehicle.	<b>Jan, 2020</b>          <b>Sep, 2019</b>
VOLUNTEER EXPERIENCE	
<b>National Green Corps</b> - Role: Student Volunteer   Cause: Social Services	<b>Sep 2019 - Oct 2020</b>
EXTRA CURRICULAR ACTIVITIES	
<b>NSA</b> <b>Debate Club</b> I participated in various debates through events held by the club. Also the open hall QnA was beneficial as it extended my beliefs and ideas.	
PERSONAL DETAILS	
Date of birth: 24 July 1999	Father's name: Raghvendra Gupta
Permanent address: 24/128 Patkapur, Kanpur Nagar, Kanpur Nagar, Uttar Pradesh, PIN - 208001	Languages known: Hindi, English, Chinese
Permanent contact number: 8181857720	Nationality: Indian
Passport availability: No	