

NITIN KUMAR

ACADEMIC PROFILE

Degree/Certificate		Institution				Percentage/CGPA	Year
B-Tech		Electrical Engineering IIT (BHU), Varanasi				9.42	2023
Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Sem VII	Sem VIII
9.61	9.31	9.00	10.00	-	-	-	-
CBSE (XII)		Ashoka Academy, Meerut, Uttar Pradesh				95.00	2018
CBSE (X)		Ashoka Academy, Meerut, Uttar Pradesh				95.00	2016

SKILLS

Programming Languages : C++, C

Technologies/Concepts : OOPS, Operating Systems, Visual Studio Code

Areas of Interest : Data Structures, Algorithms, Computer Programming, Web Development

PROJECTS

E-Commerce Web Application

June 2021 - Ongoing

- Developed a web application for a cake shop by which user can order cakes through cart.
- Integrated payment gateway using stripe library to make online transactions.
- Confirm the order by sending a receipt to the customer.
- Exposure :** HTML, CSS, Javascript, Stripe API

Sorting Visualizer Website

May 2021

- Build a website which shows how numbers are sorted in an array
- Implemented Bubblesort algorithm using Javascript.
- Elements of the array which are currently swapping turned red in color and after swapping the red color vanishes.
- Exposure :** HTML, CSS, Javascript, Bubblesort algorithm

SMS Sender Web Application

May - June 2021

- Engineered a web application which send SMS to the receiver.
- Used Fast2SMS dependency for dev API key.
- Used package nodemon to continuously look for the changes made in the app and automatically restart the node app.
- Used functions like get for getting response from the server and set for viewing the view engine.
- Exposure :** Javascript, Node.js, Fast2SMS

MATLAB Simulation of EMALS

Feb - May 2021

under Dr. RK Srivastava (Deptt. of Electrical Engineering), IIT(BHU), Varanasi

- Build MATLAB and Simulink model for Electromagnetic Launching of Military Aircrafts from ship decks.
- Model estimates how much minimum initial thrust and runway length is required for the launch of Aircrafts.
- Exposure :** MATLAB, Simulink, Internet of Things

HONOURS AND ACHIEVEMENTS

- Secured a **Global Rank** of **2488** in **Google Kickstart** Round D, 2021.
- Max Rating : **1367** on Codeforces
- Changed department to **EEE** by securing **31st** position in merit list, IIT (BHU), Varanasi.
- Secured **Rank 3715**(OBC) in **Jee(Advanced)**, 2019.

- Secured a Global Rank of 3690 in Educational Codeforces Round 103, 2021

EXTRA-CURRICULAR ACTIVITIES

- Participated in Rocket Launching Competition in Technex'19 annual technical festival of IIT (BHU), Varanasi.
- Participated in Intra - fresher Cricket Tournament, IIT (BHU), Varanasi.

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