

PRASHANT VERMA

B.Tech. Chemical Engineering
UG(II Year II Semester)
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Registration No: B.Tech./CH/16112057/2018

Indian Institute of
Technology
Roorkee



Area of Interest

Web Development, Data Science, Algorithms

Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2018	B.Tech. 2nd Year	Indian Institute Of Technology, Roorkee	8.03
2016	Twelfth	Rashtriya Krishi Inter College, Swarajnagar Bahraich	92.0 %
2014	Tenth	Jawahar Navodaya Vidyalaya, Kirtanpur Bahraich	10.0

Internships

Developer | SPARK

1 month

- SPARK is a programme of IITR to provide research exposure to interested undergraduate students of other institutes. Developed and maintaining its website using AJAX and PHP for the backend, SQL for the database, bootstrap and JQuery for front-end.

Front-end Developer | DocConsult

2 Months

- DocConsult is a startup which provides an online platform for the patient and the doctor. Developed the interface of the landing page, doctor searching panel and patient portal of the website.

Projects

Biocomposite fibers | Morphology of coir fiber after different treatments.

3 Months

- Coir fiber is a versatile lingo-cellulose fiber extricated from the coconut husk. Initially treated the fibers by nanoclay and chemical and using FTIR, SEM, XRD, single fiber test of treated and untreated fibers, analysed the difference between properties of chemically treated and nanoclay treated fibers.

Simulation of Induction motor in d-q reference. | Induction Motor

2 Months

- DQ- transformation equation is used to reduce the three parameter (due to three phase) into two variable of the induction motor, which solves the problem in the DQ-reference frame and then converts them back to output parameter to result after the simulation in MATLAB.

Awards / Scholarships / Academic Achievements

- Winner of hackathon organized by Razor Pay.
- Awarethon (10 km marathon).
- Dedicated Student in NSS.

Skills

Computer languages	C++ , Python, NodeJS, PHP, Apache, OOPs, JS, ReactJS, AJAX, jQuery, Bootstrap, Canvas, SQL, NoSQL, R
Software Packages	Git, Visual Studio, Linux OS
Languages Known	Hindi (SRW) , English (SRW) , Urdu (RW)

Positions of Responsibility & Extra Curriculars

Thomso (Cultural Fest of IITR)

2017

- Member of General Organising Committee(G.O.C) as a developer. Developed and maintained the website of Thomso,2k17 using NodeJS, ReactJS, ParticleJS, ScrollJS.

ChESS (Chemical Engineering Student Society)

2017

- Member as a Program Coordinator. Coordinate different conferences, events, and guest lectures organized by ChESS.

IITR Motorsport

2016

- Developed and maintaining its website.

TedX, IIT Roorkee

2017

- Developed TedX website.

IICHe (Indian Institute of Chemical Engineering)

2017

- Member of the development team. Currently maintaining its website