

NIKITA GUPTA

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EDUCATION

Jaypee Institute Of Information Technology

BTech. INT in Computer Science

2016 - 2021

NOIDA

CGPA : 7.6/10.0

Jai Academy

Intermediate

2015 - 2016

JHANSI

Percentage : 89.8

SKILLS

Core Java

Algorithms

C++

Python

Data Structures

HTML + CSS

JavaScript

ReactJS

Bootstrap

NodeJS (Basic)

Leadership

Communication



PUBLICATION

Solar Power Plant Site Selection Using A GIS-Based Approach

UNDER REVIEW

CERTIFICATIONS

Full Stack Web Development Using NodeJS (Intro)

CODING BLOCKS

Machine Learning with Python

UDEMY

EXPERIENCE

Innotical Solutions

Web Developer Intern

June 2019 - July 2019

Noida

- Worked on the Ecommerce team in primarily ReactJS to plan, design full stack implementation of ecommerce website.
- Created product listing and cart evaluating framework
- All code was reviewed, perfected and pushed to production

PROJECTS

Leaf Determination and Disease Prediction

March 10, 2020 - April 4, 2020

- Used Python, OpenCV and Machine Learning
- Prediction of Diseases acquired by leaves, by first determining the type of leaf by the extracted features and then predicting the diseases.

ECommerce Website

June 2019 - July 2019

- Used ReactJS to develop a ecommerce website for commercial use
- Features include product modal pop-ups, cart totalling, tax calculation.

Solar Power Plant Location Optimisation Using Spatial Data Mining

Dec 2018 - May 2019

- Used spatial data mining and QGIS software to develop a algorithm to suggest optimal solar power plant locations
- Features include suggesting top places for new projects and better locations for existing projects.
- PVOUT and Irradiation counts used for suggesting sites

Gait pattern analysis in children

September 2018

- This project studies gait pattern to determine how the conditions of patient are improving or deteriorating with time.
- Used the data of several children suffering from cerebral palsy.

VOLUNTEERING

Coordinator at Micro-Controller Based Systems and Robotics Hub

Aug 2018 - Apr 2019

Volunteer at IEEE Student Branch

Aug 2017 - Apr 2018