NITISH KUMAR PATEL

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Aspiring Web developer, passionate about building a web presence from the ground up that is from concept and programming to visualization. Fast learner with strong technical and interpersonal skills for working in a team and successfully completing a project.

EDUCATION

Bachelor of Technology, Electrical Engineering   **Jul 2015 – Jul 2019**

Government College of Engineering, Keonjhar, Odisha
CGPA- 8.06/10

PERSONAL PROJECTS

Tourism company theme (https://nitishpatel07.github.io/Tourism-company-app/)
Theme for kind of an adventure company using pure HTML and SASS.

Landing page for an hotel (https://nitishpatel07.github.io/Hotel-booking/)
Website theme for a hotel using Flexbox.

Guess the number game (https://nitishpatel07.github.io/Guess-game/)
In the game we have to guess a number between 1 and 20, for which one will have 5 tries.
Created using Vanilla JS.

Pig-dice game (https://nitishpatel07.github.io/Dice-game/)
A two player rolling dice game created using Vanilla JS.

Banking App (https://nitishpatel07.github.io/Banking-app/)
A demo banking page where the user can transfer a certain amount or apply for a loan based on deposits.
Created using Vanilla JS.

Shopping App (https://nitishpatel07.github.io/Shopping-app/)
Website theme for a shopping app made using REACT.

Unfolding India, Social media page (https://www.instagram.com/unfoldingindia.in)

I create animated videos and infographic content for YouTube, Facebook and Instagram where visualization of data is made interesting and easier to comprehend.

INTERNSHIPS

Research Internship, Indian Institute of Technology (Delhi)   **May 2019 – May 2020**
Worked on a 'Micro-controller controlled current limit Buck Converter'.

Summer Intern, Indian Institute of Technology (Dhanbad, Jharkhand)   **May 2018 – Jul 2018**
Worked on a project under the guidance of Dr. Kalyan Chatterjee on the topic of 'Low Voltage Ride through Scheme for DFIG based Wind Energy Conversion System using Advanced Demagnetization Control'.

Summer Trainee, Rourkela Steel Plant (Rourkela, Odisha)   **Jun 2017 – Jul 2017**
Underwent an one-month vacational training at RSP under Power Distribution Department where I had learnt about how the electricity generated using coal is distributed onto various departments of the plant and how the power channelization is controlled according to their production requirements.

Summer Intern, Robosapiens (Kolkata, West Bengal)   May 2016 – Jun 2016
Learned to make a Quadcopter and worked on small Arduino based automated projects.

EXTRACURRICULAR/VOLUNTEER ACTIVITIES

Club Innovare (Literary Club), Founder   Oct 2016 – Apr 2018
Conducted many Intra-college and district level literary events, practice sessions and motivational talks mainly to improve the communication and entrepreneurship skill of students.

Club Robotics Automation and Works (RAW), Core team member   Aug 2017 – Feb 2018
Conducted many Intra-college robotics workshops and interacted with several school children from Rabindra Vidya Niketan, a CBSE affiliated English medium school at Keonjhar.
Even took weekend classes where we taught them about the basics of electronics, robotics and even made them work on various interesting projects.

Club Foresight (Photography and Videography Club), Core team member   Jan 2017 – Mar 2018
Conducted workshop for fresher students and cover all the events that used to happen in the college.

AWARDS/ACCOMPLISHMENTS

Educator (Quantitative Aptitude), at Unacademy through Internshala
Winner (Robotics), Inter-college fest Utkarsh-2018
Winner (Robotics), Inter-college fest Utkarsh-2017
Winner (State level debate/declamation competition), Association of Odisha ICSE Schools-2013

RESEARCH PUBLICATIONS

Rakesh Rajan Shukla and **Nitish Kumar Patel**, **"Effect of ramp disturbances on Automatic Generation Control (AGC) in presence of Different Controllers"**, IEEE Conference on Signal Processing and Communication Engineering Systems.   **(SPACES-2018)**

Rakesh Rajan Shukla and **Nitish Kumar Patel**, **"Effect of capacitive energy storage unit on frequency of interconnected multi-area power systems"**,   IEEE Conference on Signal Processing and Communication Engineering Systems.   **(SPACES-2018)**

Rakesh Rajan Shukla and **Nitish Kumar Patel**, **"Automatic Generation Control of a multi-area power system using superconducting magnetic energy storage unit"**, IEEE Conference on Technologies for Smart-City Energy Security and Power.   **(ICSESP-2018)**

Rakesh Rajan Shukla and **Nitish Kumar Patel**, **"Automatic Generation Control of an interconnected power system using energy storage units in the presence of PIDF controller"**, IEEE Conference on Technologies for Smart-City Energy Security and Power.   **(ICSESP-2018)**

Manoj Kumar Senapati and **Nitish Kumar Patel**, **"Renewable energy based DC Micro-grid "**, National Conference on Recent Advanced Trends in Electrical, Electronics and Information Technology.   **(NCCRATEEIT-2018)**

SKILLS

Languages: HTML/CSS, JavaScript, ReactJS
Database: Firebase
Design: Adobe After Effects, Adobe Illustrator, Adobe Audition, Adobe Premiere Pro