

# Pushkar Soni

Undergrad Student

Competitive Programmer, and Full Stack web Developer



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## EDUCATION

### B. Tech Communication and Computer Engineering

LNMIIT, Jaipur

06/2018 – 06/2022

Courses

- CCE (Cgpa - 7.4)

### School

Kendriya Vidyalaya Ordnance Factory Katni

Courses

- PCM + computer Science (90.8%)

## WORK EXPERIENCE

### LNMHacks 4.0 (hackathon)

Organizer

10/2019 – 10/2019

Jaipur

Lnm Hacks is 24 hr Hackathon Organised by Student of LNMIIT Jaipur worked as an Organiser of Hackathon.

- Sponsorship Management, Managing Technical aspects of a Hackathon. Helping Participants with issues in Their projects.

### Plinth (plinth.in)

Web Development Team

Plinth is Annual inter-collegiate Techno-Management festival of The LNMIIT Jaipur.

Development of Plinth Website.

- worked as an Backend Developer. Developed using Node.js. Creating routes for various pages in website, including routes for authentication and payment system.
- Databases and Correct Javascript use to extract information from the databases.
- Complete Integration of frontend with backend.

### Problem Setter and Tester at Cybros

Cybros

11/2019 – Present

Cybros is Programming club of The LNMIIT Jaipur.

Problem Setting

- Setting problems of all level in programming contest Requiring Understanding of Advanced Data Structures and Algorithms
- Generating Test for Problems. Analyzing complexities of various algorithms and creating tests with all complexities.
- Testing and Proof Reading of other members Problems. Hacking problems for edge cases.

## SKILLS

C++

Node.js

mongodb (mongoose)

javascript

mongodbmocha

ajax

apis

jquery

ejs

github

oauth

passport

html

css

competitive Programming

full stack development

root (cern)

golang

python

## PERSONAL PROJECTS

### Website Using Codeforces API

- Website built for purpose of analyzing problem solved by Contestant. Analyzing problems with submissions and their tags only.
- Website built using Node.js for backend and html, jquery and css for frontend.
- various Javascript frameworks like express, request, OAuth, Ajax, passport, ej, mongodb, mongoose, mocha.
- Requires Data structures and Algorithmic steps to analyse submissions by a contestant.

### Root

- analyse CERN sample data presented in CSV form. A Cpp Program was deployed Using the CERN's opensource library Root, The ROOT system provides a set of OO frameworks with all the functionality needed to handle and analyze large amounts of data in a very efficient way.
- Root Library through (C++), Bash scripting, Scrapping Data from CSV files and Analyse it through a Program written in CPP, Data Presentation using Tgraphs, histograms, Graphs etc.
- Problem Solving, Basic Understanding of how physics problems are solved through Data Points only

### REST ful Blog App (fullstack)

## ORGANIZATIONS

Plinth, Cybros, Lnmhacks.

Presidential Scout (Rastropati Scout) Certificate Signed by president of India

## COMPETITIVE PROGRAMMING

Codeforces Expert Rated. (username- dementorx)

## LANGUAGES

English and Hindi

Full Professional Proficiency