



## ACHIEVEMENTS

- Expert Rated on Codeforces, Problem setter and Tester at Cybros
- Developed Fullstack Websites and CLI's
- Hackathon Organiser

## PROFESSIONAL EXPERIENCE

### LNMHacks 4.0 (hackathon)

Event Organiser

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

### Cybros

Nov. 22, 2019 - Present

Problem Setter and Tester

**Key Skills:** Competitive Programming

Setting problems in a programming contest.

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.

### Plinth (plinth.in)

Nov. 20, 2019 - Feb. 20, 2020

Web Developer

**Key Skills:** Fullstack Development

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.

## PROJECTS

### FullStack Website using Codeforces API and Node.js

Team Size: 1

**Key Skills:** Fullstack Development Node.js MongoDB AJAX API JQuery OAuth Mocha Git HTML CSS Flexbox

Website built for purpose of analyzing problem solved by Contestant. Saving Notes to problems and Separate Notes Page. 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, ejs, mongodb, mongoose, mocha.

Requires Data structures and Algorithmic steps to analyse submissions by a contestant.

### CpsaveCLI (Command Line interface) (Node.js CLI)

Team Size: 1

**Key Skills:** CLI Node.js Npm Web Scraping Python Javascript Shell Scripting

An npm Package which contains CLI Tool for Fetching Contest Problems using a Python Scraper.

A Node.js based CLI, using Async/Await Javascript and Promises to create required directories and run a Python web scraper in the background to fetch content. Compile and Test solutions with a single command and report differences in solutions.

### Root (C++)

Team Size: 1

**Key Skills:** CPP Root (CERN)

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

## EDUCATION

### LNM Institute of Information Technology

2018 - 2022

B.Tech. - CCE | CGPA: 7.40 / 10.00

### Kendriya Vidyalaya O.F Katni

12<sup>th</sup> | CBSE | Percentage: 90.80 / 100.00

### Kendriya Vidyalaya O.F Katni

10<sup>th</sup> | CBSE | Percentage: 91.20 / 100.00

## PERSONAL DETAILS

**Current Address:** 3/7 K.V Colony Ordnance Factory Katni Madhaya Prad, State -Madhya Pradesh, District -Katni, Katni, Madhya Pradesh, India - 483501

**Emails:** 18ucc017@lnmiit.ac.in , pscorp007@gmail.com

**Date of Birth:** March 15, 2000

**Known Languages:** Hindi, English

**Phone Numbers:** +91-9131165001, +91-9424914604

## WEB LINKS / IMs

- WhatsApp - 9131165001
- Github - <https://github.com/Pushkar-s>
- Other - <https://codeforces.com/profile/dementorx>
- LinkedIn - <https://www.linkedin.com/in/pushkar-s-aa6835126/>
- Personal - <http://cpsave.herokuapp.com/>