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   *Cgpa - 7.4*

Courses

- Computer and
  Communication
  Engineering

School
Kendriya Vidyalaya Ordnance Factory Katni

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.in
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. Analizing 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

FullStack Website Using Codeforces API and Node.js
- 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)
- An npm Package which contains CLI Tool for Fetching Contest
  Problems using a Python Scrapper.
- A Node.js based CLI, using Async/Await Javascript and Promises to
  create required directories and run a Python web scrapper in the
  background to fetch content. Compile and Test solutions with a
  single command and report differences in solutions.

Root (C++)
- 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 (Rastrapati Scout) Certificate Signed
by president of India

COMPETITIVE PROGRAMMING

Codeforces Expert Rated. (username- dementorx)