



ACHIEVEMENTS

- SDE Intern at Amazon
- Expert Rated on Codeforces, Problem setter and Tester at Cybros
- Hackathon Organiser
- Developed Full-stack Websites and CLI's

INTERNSHIPS

Amazon

SDE Intern

May 31, 2021 - July 24, 2021

Key Skills: AWS Amazon Internal Tools

Worked on a project that saves ~4 SDE hours of work, by automating the process of summary creation after an On-Call.

Created LLD from project description by choosing AWS services, data model schemas and Java design patterns to use.

Learned SDLC involved in deployment at scale through pipelines and CI/CD.

Deployed Lambda functions managed through CDK implementations in typescript. Lambda written in java triggered by cron job event in cloudwatch, interacts with Internal APIs to fetch required details of tickets.

Other AWS services used: DynamoDb used GSIs to speed up queries and TTL for storage saving. Step, IAM, VPC, CloudFront for Logs and debugging.

Created a Regex Parser that extracts summary from text by matching to pre-defined patterns

Created Markdown syntax code generator in java using builder pattern, factory and utility methods.

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

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.

EDUCATION

LNM Institute of Information Technology

2018 - 2022

B.Tech. - CCE | CGPA: 7.35 / 10.00

Kendriya Vidyalaya O.F Katni

12th | CBSE | Percentage: 90.80 / 100.00

Kendriya Vidyalaya O.F Katni

10th | CBSE | Percentage: 91.20 / 100.00

PERSONAL DETAILS

Gender: Male

Date of Birth: March 15, 2000

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

Known Languages: Hindi, English

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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/>