



ARYAN PATHANIA

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EDUCATION

National Institute of Technology, Hamirpur
Computer Science & Engineering, B.Tech., CGPA: 8.65

Hamirpur
Dec 2020 - Present

WORK EXPERIENCE

Coding Shuttle

Backend Developer Intern

Remote
Jan 2022 - Present

- Create an API for Problems List, Single Problem, Solutions, Leaderboard etc.
- Create an API to handle solution submissions, run multiple test cases and verify the validity of the solution.

Codeintuition.io

Problem Setter

Remote
Nov 2022 - Dec 2022

- Generate testcases and optimal solutions for problems based on Data Structures and Algorithms.
- Transpile C++ solutions to TypeScript. Handle input and output for problems.

VOLUNTEER EXPERIENCE

APISIX Ingress Controller

Open Source Contributor

Dec 2022 - Present

- Add support for filter_func for ApisixRoute allowing complex route matching.

CSEC NITH

Coordinator

NIT Hamirpur
Apr 2021 - Present

- Designed problems and wrote editorials for monthly programming contest, Heuristics.
- Volunteered on 'Software Freedom Day', promoted FOSS and installed linux distributions on 50+ PCs.

CodeChef NITH Chapter

Chapter Leader

NIT Hamirpur
Jul 2021 - Jan 2022

- Organized workshops on topics 'Introduction to Competitive Programming' and 'STL' (100+ attendees each).
- Conducted numerous programming contests like 'Regular Contest 1', 'CP Liftoff' etc (50+ participants each).

CutefishOS Ubuntu

Open Source Contributor

Apr 2021 - Dec 2021

- Managed the dependencies of 10 core applications while porting from Arch base to Ubuntu base.
- Generated .deb packages from PKGBUILD files for all 10 applications.
- Set up GitHub actions, which runs every 12 hours to keep Ubuntu base fork up to sync with Arch base.

PROJECTS

Portfolio Next.js, MDX

[aynp/portfolio](#)

- Portfolio website to showcase projects, post blogs and frequently used code snippets.
- Created a timeline for important milestones in the career.

Node Automatic Release JavaScript, GitHub Actions

[aynp/node-automatic-release](#)

- Automatically generate a new release for node projects when the version in your package.json changes.
- Can be used seamlessly with workflows provided by GitHub to [Automatically publish to NPM](#).

GitHub to JSON JavaScript, Octocat

[aynp/github-to-json](#)

- Generate JSON file of a repository structure using GitHub API.
- Enables usage of GitHub as a free CMS.

Dracula Wallpapers Website ReactJS

[dracula-wallpapers.netlify.app](#)

- Website made for community, having collection wallpapers based on the Dracula Theme.
- Created 80+ wallpapers [aynp/dracula-wallpapers](#) (200+ stars).

CodeShare ExpressJS, MongoDB/Mongoose, bcrypt

[aynp/codeshare-server](#)

- Server for CodeShare (A web app to share formatted code with syntax highlighting online).

AWARDS

Google 30 Days of Cloud

Completed Google 30 Days of Cloud on [Qwiklabs](#).

Qwiklabs
31 Oct 2021

The Grand Coding Contest

Ranked [495th](#) among 50,000+ contestants in The Grand Newton Contest 2021 by Newton School.

Newton School
27 Aug 2021

Teams Code Virtual Programming Contest

Team (no_AC) Ranked [4th](#) in Summer 2021 Virtual Programming Contest by TeamsCode.

TeamsCode
1 Aug 2021

CodeRush Rank 1 from Second Year

Ranked 1st from second year in CodeRush organized by ALGO University.

Algo University
20 May 2021

SKILLS

Languages: JavaScript, TypeScript, C++, Go **Frameworks:** React, Next, Svelte, Express **Databases:** MySQL, MongoDB **Tools:** Git, GNU/Linux, Docker, Kubernetes, AWS **Others:** Bash, Markdown, \LaTeX , Data Structures and Algorithms