

# ARYAN PATHANIA

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[Portfolio](#) · [LinkedIn \(aynp\)](#) · [GitHub \(aynp\)](#) · [Codeforces \(nand\)](#)

## EDUCATION

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

Hamirpur  
Dec 2020 - Present

## WORK EXPERIENCE

### SynergyWorks

Backend Developer Intern

Chandigarh  
Mar 2023 - Present

- Improve search by replacing slow regex matching with full text MongoDB Atlas Search.

### Coding Shuttle

Backend Developer Intern

Remote  
Jan 2023 - Mar 2023

- 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.

## 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

### 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