

# ARYAN PATHANIA

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[Portfolio](#) · [LinkedIn \(aryanpathania03\)](#) · [GitHub \(aynp\)](#) · [Codeforces \(nand\)](#)

## EDUCATION

**National Institute of Technology, Hamirpur**  
Computer Science & Engineering, B.Tech., *CGPA: 8.75*

Hamirpur  
Dec 2020 - Present

## WORK EXPERIENCE

### Codeintuition.io

*Problem Setter*

Remote

Nov 2022 - Present

- 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

### CSEC NITH

*Executive*

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

- Worked in a team of 4 to promote competitive programming culture in college.
- 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

*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.
- Wrote a blog on how 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).

### NFT Warranty *Svelte, Ethereum / Solidity, Hardhat*

[aynp/nft-warranty](#)

- Replace physical warranties and have blockchain based warranties using NFTs which prevent forgery and are easier to maintain.
- Customers can easily verify the ownership of warranty and track all repairs and replacements to the product.

### 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

### Programming Languages:

JavaScript, TypeScript, C++, Go

### Frameworks:

React, Next.js, Svelte, Express

### Scripting Languages:

Bash

### Markup Languages:

HTML/CSS, Markdown,  $\LaTeX$

### Databases:

MongoDB

### Tools:

Git, GNU/Linux

### Data Structures and Algorithms