

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

Mercari Inc

Backend Developer Intern

Bangalore
May 2023 - Present

- Built CI pipelines for automatic building, linting, testing and deploying of 11 microservices.
- Reduced delay in real time incentive distribution due to batch incentive distributions.

SynergyWorks

Backend Developer Intern

Chandigarh
Mar 2023 - Present

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

Coding Shuttle

Backend Developer Intern

Remote
Jan 2023 - Mar 2023

- Created an API from scratch for Problems List, Single Problem, Solutions, Leaderboard etc.
- Created 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

- Generated testcases and optimal solutions for problems based on Data Structures and Algorithms.

VOLUNTEER EXPERIENCE

Apache APISIX Ingress Controller

Open Source Contributor

Dec 2022 - Present

- Added support for `filter_func` for `ApisixRoute` allowing complex route matching.
- Added support for `skip_mtls_uri_regex` for `ApisixTls` allowing mTLS bypass based on regex against URI.

CSEC NITH

President

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.

PROJECTS

Portfolio *Next.js, MDX*

[aynp/portfolio](#)

- Portfolio website to showcase projects, post blogs and frequently used code snippets.
- A timeline for important milestones in my 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](#).

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: Go, JavaScript, TypeScript **Frameworks:** React, Next, Express **Databases:** Postgres, MySQL, MongoDB **Tools:** Git, GNU/Linux, Docker, Kubernetes, GitHub Actions, Spinnaker, GCP **Others:** Bash, Terraform, Markdown, \LaTeX , Data Structures and Algorithms